



Careers Corner Term 4, Week 8, 2nd December 2022

Year 10 Careers 2022, Google Classroom: cwq4hdy
Year 11 Careers 2022, Google Classroom: opycmbw
Year 12 Careers 2022, Google Classroom: m7owsqu

JobJump: <https://www.jobjump.com.au/> The password to register is: kh

*Students and parents can sign up to Jobjump.

School Careers Website: <http://www.killarahighcareers.com/>

Careers Bullseyes: <https://myfuture.edu.au/footer/assist-others/career-bullseye-posters#/>

Articles of Interest:

<https://theconversation.com/the-universities-accord-could-see-the-most-significant-changes-to-australian-unis-in-a-generation-194738>

<https://www.abc.net.au/news/2022-11-23/port-macquarie-uns-w-medical-graduates-target-regional-healthcare/101682682>

Open Days & Info Sessions

UOW | Liverpool Campus Information Evening

Tuesday 6 December 2022, 5:30 pm

University of Wollongong, South Western Sydney Campus

Are you located in the South-West Sydney region and thinking about starting your studies soon?

You may have finished high school years ago, just finished a gap year and are ready to return to study, be looking for a career change, or just finished school and now looking at university.

UOW's Information Evening is a great opportunity for you to access the information and advice you need. Come along and you'll be one step closer to getting started on your study journey.

Find out more: https://uow_srd.swoogo.com/SWSInfoNight

Camp America | Online Information Session

Tuesday 6 December 2022, 7:00 pm - 8:30 pm

Online

Please be aware that the information listed is subject to change. For further information on any of the above or for general inquiries please contact the careers faculty. Email careers@khs.nsw.edu.au
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It's time to travel. Work as a Camp Counsellor in 2023 with Camp America to for an immersive cultural exchange that will challenge and reward you while making lifelong friends and experiencing the very best of the USA.

Our session will have heaps of tips and tricks to make your dreams reality and make application stand out. Get a full rundown of what your Camp America experience could look like. Bring mum, dad and your best friend, all are welcome.

Find out more: <https://www.campamerica.com.au/events/camp-america-online-2>

William Angliss | VET Info Series: Baking & Patisserie

Wednesday 7 December 2022, 11:00 am - 12:00 pm

Online

Want to make the kitchen your office and centre your life around creating flavours? Hear from our course leaders about course content, pathways and career outcomes.

What you'll learn:

- Course content
- Entry requirements
- Career pathways
- Graduate student outcomes
- How Angliss can support you
- A chance to ask the program leaders questions

Find out more: <https://www.angliss.edu.au/events-hub/vet-info-series-foods-baking-patisserie/>

SCCE | Exchange Webinar

Wednesday 7 December 2022, 6:00 pm - 7:00 pm

Online

At SCCE, we understand that there is a lot to consider when going on exchange, which is why we are happy to offer these regular online information webinars to teach you all about your student exchange options. Our online sessions go for approximately 60 minutes. They will guide you through everything from you need to know about our programs. There is also time at the end of the presentation to ask questions, providing a wonderful opportunity to interact with both our staff and other future exchange students.

Find out more: <https://scce.clickmeeting.com/wednesday-december-7-2022-info-session/register>

Sydney Design School | Info Session

Wednesday 14 December 2022, 6:00 pm - 6:00 pm

Sydney Design School, St Leonards

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Find out everything you need to know about our flexible courses and career support. Our Director, Amanda Grace will introduce you to our unique philosophy, passionate Educators and industry focused approach to learning.
You can also join an on campus session live online via Zoom if you would prefer to stay at home.
Find out more: <https://sydneydesignschool.com.au/information-sessions/>

Exhibition at SAE

Byron Bay: Thursday 15 December 2022, 6:00 pm - 8:00 pm

Sydney: Thursday 15 December 2022, 6:00 pm - 8:00 pm

SAE Exhibition is your one stop event to experience life as an SAE student. Whether you want to rub shoulders with current students or check out what they have produced in their short time at SAE.

Exhibition is a great opportunity to immerse yourself in the campus community and enjoy the celebrations that come with the end of trimester.

While you're on campus be sure to check out our world-class facilities and chat to our course advisors to make sure you start ahead of the pack when you commence with us next year.

Register for Byron Bay: <https://sae.edu.au/event/exhibition-sae-byron-bay/>

Register for Sydney: <https://sae.edu.au/event/exhibition-sae-sydney/>

Workshops and Courses

VexIQ Base Bot Design Robotics Holiday Camp

Tuesday 20 December 2022, 9:00 am - 3:00 pm

North Ryde Scout Hall

Coding Zone hosts Vex IQ Robotics Camps during this Summer School holidays. Vex IQ Robotics Camps will be run by a Certified VEX Instructor and price-winner team members of VEX IQ Competition teams.

What will you learn?

VEX IQ Camp encourages creativity, teamwork, leadership, and problem-solving among teams.

- STEM fundamentals
- VexIQ Base Bot Design
- Engineering Principles
- Sensors
- Different robot drivetrains
- Robot Programming
- Teamwork

Find out more: https://www.eventbrite.com.au/e/vexiq-base-bot-design-robotics-holiday-camp-for-8-14-years-old-tickets-461589646057?aff=ebdssbdestsearch&keep_tld=1

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School Holiday Design Thinking Workshop, Wollongong

Tuesday 17 January 2023, 9:00 am - 12:00 pm

Zig Zag Hub, Wollongong

Do you have the potential to be an entrepreneur?

Participants aged 8-17 will learn about design-thinking principles, entrepreneurship and innovation through developing an idea guided by our expert facilitators.

What you will be learning:

- Identifying a problem and finding a solution
- Market research
- Learning the prototype
- Validating your solution
- Pitching

Find out more: <https://www.eventbrite.com.au/e/school-holiday-design-thinking-workshop-wollongong-tickets-428346886067?aff=ebdssbdestsearch>

Scholarships

Notre Dame Fr John Neill Scholarship

Value: \$5,000 AUD per year

Open/Closing Dates: September 1, 2022 – December 15, 2022

The purpose of the Scholarship is to honour the service of University Founding Father Fr John Neill by providing financial support to an applicant from a financially disadvantaged background who is commencing their undergraduate studies at The University of Notre Dame Australia (University).

[Find out more](#)

ACU Edmund Rice Education Scholarship

Value: \$4,500 AUD

Open/Closing Dates: August 1, 2022 – March 1, 2023

For domestic students studying any undergraduate Education degree who have experienced financial hardship and contributed to community service and/or social justice activities.

[Find out more](#)

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Campion College Leadership Scholarship

Value: \$2,000 to \$6,000 AUD per year

Open/Closing Dates: August 1, 2022 – December 9, 2022

Leadership Scholarships acknowledge students who demonstrate innovative and enterprise-driven leadership which impacts their academic work or community environments.

[Find out more](#)

University of Newcastle David Thompson Perpetual Scholarship

Value: \$25,000 AUD

Open/Closing Dates: October 1, 2022 – February 15, 2023

The scholarship is in memory of David Thompson.

[Find out more](#)

Charles Sturt AGcessibility Kickstart Scholarship

Value: \$15,000 AUD

Open/Closing Dates: August 1, 2022 – November 25, 2022

The Anthony Costa Foundation and goFARM are supporting these scholarships to help increase workforce capacity in the areas of Agriculture / Horticulture. Part of the goal is to support students from low socio-economic backgrounds to complete a degree which can bring them into an industry that can offer a lifetime career of well remunerated employment.

[Find out more](#)

University of Sydney Tom Austen Brown Undergraduate Scholarship in Archaeology

Value: \$22,000 AUD per year

Open/Closing Dates: October 5, 2022 – January 18, 2023

This scholarship provides support to Aboriginal and Torres Strait Islander students undertaking studies in First Nations archaeology at the University of Sydney.

[Find out more](#)

UOW Regional Kick Start Scholarship

Value: \$3,000 AUD

Open/Closing Dates: August 1, 2022 – December 31, 2022

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The Regional Kick Start scholarships aim to support regional students with resources and living costs during their first year of study and will make it easier to undertake their uni study close to home.

[Find out more](#)

Competitions

Grok Cyber Comp

Is your school cyber secure? Test your students' cyber security skills in this free online competition.

Cyber Comp is an online competition to test your students' cyber security skills.

The competition is open for 2 weeks from November 28, 2022. Students must complete the competition in one sitting and they are given a 45 minute window in which to do so.

Cyber Comp is free for all Australian students in years 5-12.

After taking part in Grok Cyber Comp students will:

- Have a greater understanding of why it is important to protect their personal information
- Know how to create stronger passwords
- Be able to evaluate emails and text messages to reduce the risk of falling victim to scams
- Understand what to do if they receive a scam email or message

Find out more: <https://grokacademy.org/cybercomp/>

BlueShift Business Case Competition

The 2023 QUT BlueShift expressions of interest are now open.

BlueShift is a business case competition for secondary school students. Students work in small teams to develop real business solutions for a real business.

Participants compete in teams of three or four to analyse the business challenge and prepare a written solution to a real business case.

Teams with the best submissions present their ideas to a panel of judges at the BlueShift finals held at our Gardens Point campus in Brisbane.

Each member of the winning team receives:

- a \$2,000 QUT scholarship
- a \$250 EFTPOS card
- a prize pack from our sponsors.

Your school also receives a \$3,000 cash prize from QUT.

Up to two regional or interstate teams that qualify for the finals will be eligible to receive up to \$2,500 per team (maximum four students and one teacher/mentor) to cover their flights and transfers to Brisbane.

Registrations are open now, and the competition closes on Tuesday 27 April 2023.

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Find out more and enter here: <https://www.qut.edu.au/study/business/blueshift>

Careers & Jobs

3 Top Tips to Get a Summer Job

Finding a summer job sounds simple, right?

But when life and school get busy and you find time is racing towards the summer break, you might be thinking to yourself “where do I even start?”.

We’ve got some ideas to help you get back on track.

Get Planning

Be realistic, and before you even start a job search, have a think about:

- How many hours each week that you’ll have available to work (and how much time you really want to work, remember it’s your holiday)
- Which days are best for you to work? If you have other commitments or plans already in place, it’ll be useful to know what you can apply for or let potential employers know when you’ll be available for work or shifts
- Do you know how you’ll be getting to work – this could determine when you can start, where you can work and when you’ll have to finish

Using these criteria could help you narrow down your job search and ensure you don’t waste your time (or potential employers’ time) applying for unsuitable jobs.

Start Searching Now

If you haven’t already locked something in or even started looking, then you might need to play a bit of catch up. Lots of businesses have started advertising already for summer casuals, so if you’d like to secure a job then don’t leave it until Term 4 is over.

Know Where to Look

Businesses advertise all over the place. Here are a few places to start your search:

- Check the storefront and noticeboards of your local shops and shopping centres, as well as other businesses on the street.
- [Student Services Australia’s database](#) lists lots of jobs and you can search by local area.
- Search online; there are hundreds of job sites and organisations bursting with opportunities.
- You could also check individual business websites for positions vacant – this is ideal if you have your heart set on working for a specific organisation.
- Facebook often has dedicated pages or groups within communities and regions where employers advertise positions available. Or you could be proactive and ask in those community groups if anyone has or knows of a summer job going locally.

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- It might seem a little outdated, but your local newspaper's classified section could have the perfect job opening for you.

If you're not having any luck or you have something specific in mind, then try applying directly. Politely approach the manager and have a conversation with them about what you're looking for. Remember to take a copy of your resume that you can leave with them. Then all you'll have to do is put your best foot forward and apply!

Rise Challenge Scholarship and Career Mentoring Opportunity

Last week we shared information about the Rise Challenge, it's a UQ program that offers lots of benefits. From scholarships and mentoring, to career development opportunities and other funding.

This week we spoke with the Manager of the [UQ Ventures Discovery](#) team, Tomas, who gave us some more information.

What sort of people should apply for the Rise Challenge?

"Any student between 15-17 should apply. It is a fantastic opportunity to be part of a global initiative that is bringing together young people from all over the world.

It is not about school grades; it is about finding young people who want to make an impact in their communities and are willing to put the effort needed to make it a reality. They look both at the type of project being developed, as well as the person who is leading it."

How did the scholarship and program come about?

"The program was developed to support young people who have the drive to make a change in the world but struggle to find support and resources to both develop themselves and their projects. The Rise Challenge hopes to find them, wherever they are in the world, and provide them with both resources and mentoring support to make their projects a reality and nurture more positive leaders in the world."

What makes the Rise Challenge such a good opportunity for young people?

"The greatest thing about this program, which we always stress in our activities, is that it is not about who you ARE, but rather, getting into action and solving problems in your communities. It does not matter how well you do in school; this program is all about how much of an impact can you make. That is what we do at Ventures Discovery, we support students to grow their entrepreneurial skills by acting and solving the problems they see in their worlds. That is why Ventures Discovery is providing support sessions to help students create and develop their Rise projects."

What skills do you expect students to gain from participating in the Challenge (even if they don't win)?

"I think students will realise just how powerful they are. That they don't need to wait. They already have enough skills to get out of their houses and have a positive impact in their communities. For some this will be harder than others, but as they grow in confidence, they will

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notice that skills like problem solving, creative thinking, communication, and self-regulation, will all start to flourish. Not because they didn't have them before, but rather because they don't trust themselves as agents of change."

Who can apply?

Wondering how you could benefit from this lifelong opportunity?

You'll just need to be aged between 15 and 17 years old (born on or between July 2, 2005 and July 1, 2008 for the 2023 applications); and passionate about working towards solving humanity's most pressing problems.

You can be based anywhere in the world, but you'll need to submit your complete [application](#) before 25 January 2023.

It's FREE

There's no application fee and you won't have to pay anything.

UQ are running information and support session to support students in their applications. Learn more about the Rise Challenge here: <https://www.risefortheworld.org/>

A huge thank you to Tomas Piccini for his time and help with this post.

Virtual Mine Tours

Thinking about what you'd like to do after high school can be really challenging, especially if you really haven't got any idea about which jobs are out there and what the work environments are like.

There are tonnes of online tours where you can explore different industries to get an idea of what a workplace looks like and even what some of the jobs available are. It's a great way to explore potential careers, or rule them out, without even leaving your house (or your bed).

Considering a future in mining? Or just interested to see what it could look like working in a mine? We've put together a few links for you, but there are plenty more available online too.

Virtual Mine Tours

- Check out Rio Tinto's Kennecott tour <https://www.youvisit.com/tour/riotinto> (tip: you'll be asked to register your details before you watch but you don't have to). Or their Lestok tour here: <https://www.youtube.com/watch?v=rrRoXbaoPxY>
- <https://minerals.arizona.edu/content/virtual-mine-tours> 3 tours only 5-15 minutes long, there's even a quick quiz at the end if you're really keen.
- <https://www.angloamerican.com/futuresmart/stories/our-industry/mining-explained/a-tour-of-a-modern-mine> a virtual tour of a modern mine.
- <https://mineralseducationcoalition.org/education-database/nevada-mining-association-virtual-tour/> Take a virtual self-guided tour behind-the-scenes of Newmont Mining's Twin Creeks Gold Mine and Mill in Nevada.

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- Find out about the life cycle of a mine in Australia here: <https://www.youtube.com/watch?v=24UO2Y8544s>, think about all the jobs that are a part of the process.
- Lots of short videos about the working of a copper mine <https://digintomining.com/virtualfieldtrips/archive>
- Get a tour of the gold mine in Ballarat <https://www.youtube.com/watch?v=SSfmIMPmiOs>
- See how a copper and gold mine in NSW works <https://www.youtube.com/watch?v=hr43-cwWccM>
- Check out an open coal mine at <https://www.youtube.com/watch?v=KLaCDMhCOQs>
- A quick 10-minute tour of a Canadian gold mine <https://www.youtube.com/watch?v=GqpP48qs2P0>

Not sure if mining is right for you?

It's always great to keep an open mind about opportunities, but why not start by finding out which [Career Cluster](#) (or clusters) you fit into most strongly.

Then think about the jobs that might be available within those clusters in the mining industry. For example, if you're a [Maker](#) working in the mines you could be a driller, blaster, truck or train driver, heavy machinery operator, or carrying out installation or repair work.

Further Learning

Quick ATAR Facts

There's a lot to understand about the ATAR system, so we've put together a few facts that might interest you.

- Your ATAR score is valid for life. You can use it to apply to study at university regardless of your age, provided it meets the entry requirements for your course.
- After your first year of university study in Australia, future university applications will take into account your academic record rather than your ATAR.
- The national median ATAR is around 70.00, but changes every year. That's because the averages in each state varies too. For example in 2021 the median ATAR in [Queensland was 78.85](#), in [Western Australia it was 82.3](#), and in [New South Wales it was 70.41](#).
- Your ATAR is a nationally recognised number, so if you live in Queensland and your ATAR is 85.00, it'll be the same no matter which state you apply to study in.
- Many universities in NSW & ACT offer Direct Early Entry. These offers are NOT based on your ATAR. For these offers you must apply directly to the university.
- Only 48.57% of students who were admitted to the [University of Sydney](#) in 2022 did so solely based on ATAR, regardless of adjustment factors
- Getting a low ATAR isn't the end of the world. These days, universities and other tertiary institutions offer stacks of [alternative pathways](#) to get in.

- You can still change your preferences after you've received your ATAR results. So if you've scored lower or higher than expected you've still got time to adjust your preferences to reflect that.
- You can't 'waste an ATAR' – if you score 99.95 and choose to study a course with an entry requirement of 80.00 because it's your top choice, go with it. Scoring a high ATAR simply means there are more courses that you're eligible to apply for, you'll have more options.
- No ATAR – no problem. Some VET and other tertiary qualifications don't necessarily require you to have an ATAR. These qualifications also provide nationally recognised qualifications, **and** some universities will accept them as eligibility (sometimes even credit towards first year studies) if you'd like to apply to uni in future.
- Once you've got into uni or another tertiary institution, nobody is likely to ask what your ATAR was again, let alone use it as criteria for course or job selection.
- You aren't defined by your ATAR and your opportunities in life won't be limited by that number. You may have to take a different pathway to the one you'd originally planned, and it may take a little longer is all.
- Using online "ATAR calculators" aren't necessarily accurate, as scaling changes every year, so don't take the results as gospel. However, UAC now offers an ATAR calculator. <https://www.uac.edu.au/future-applicants/atar-compass>
- Taking advanced subjects doesn't mean you'll get a higher ATAR; only the amount of work and effort you put in can do that.

Resources

Summer Camp Gap Year in the US

Looking to travel for your gap year? If you want to see some amazing places, make new friends, and have tons of fun, you might want to consider a Summer Camp in the US.

What is Summer Camp?

Summer Camps are programs for American school students during their Summer holidays (which is in the middle of the year in the Northern Hemisphere). Students participate in all kinds of activities, from outdoors activities like camping, hiking, swimming, and much more, as well as other skill building and recreational activities. Some camps even offer activities like music, arts, and science.

What will you do as part of your Gap Year?

If you choose to spend your Gap Year at Summer Camp, you will usually participate as a worker or mentor rather than a student. You'll still get to take part in the fun, but you'll also be responsible for looking after students and helping to set up and run activities too. The best part is

you'll also get paid, as well as getting valuable experience and skills for future job and study applications.

As well as working at Camp, you'll also get the opportunity to spend your free time travelling, so you can see the sights and explore to your heart's content.

What's included in the program?

There are lots of different programs out there, and inclusions can vary, but here's what you'll typically get as part of your program:

- Placement at a camp (usually 8-12 weeks)
- Included accommodation & food while at camp
- A salary
- Help to obtain a visa
- Medical insurance
- 30 days of travel after camp is finished

These are all included as part of the program fee, which varies depending on your provider. Note that there are other expenses not included that you'll need to pay for separately, such as flights, visa application fees, and accommodation and food outside of camp.

Where can I sign up?

If you're keen to spend your gap year at Summer Camp, there are lots of providers out there that offer programs. Here are some we've found:

- [Camp America](#)
- [Camp Leaders](#)
- [IEP Summer Camp](#)
- [Letz Live Summer Camp](#)

How to cope with bad world news

When bad news breaks, it can be hard to escape from it. You might find it tricky to unplug or think about other things. It's totally normal to feel overwhelmed by the news, especially when good news stories can seem harder to come by.

So, if you're feeling down about the world, Reach Out have got some tips for you.

Read the full blog here: <https://au.reachout.com/articles/dealing-with-bad-world-news>

A Letter to the Class of 2022

This guest article was written by Claire Pech, Careers Advisor at Emanuel School, Sydney and owner of careers consultancy [Claire Pech Careers](#).

Read the full letter here: <https://studyworkgrow.com.au/2022/11/15/a-letter-to-the-class-of-2022/>

Job Spotlight

How to become a Big Data Analyst

Big Data Analysts specialise in the analysis and presentation of large and complex data sets. This includes the identification, collection and analysis of [big data](#) for the purpose of improving decision making and gaining a competitive advantage in the market.

Information empowers businesses. It can be used to identify the causes of problems or failures; calculate ways to make cost reductions and time savings; generate coupons for customers based on their unique buying habits; or direct new product development and smart business decision making. It can also be used to calculate risks and detect fraudulent behaviour.

If you've got a great head for figures and enjoy the challenge of figuring out patterns and trends, then a future in the growing field of Big Data Analytics is well worth investigating.

About you:

- Great maths and technology skills
- Logical
- Analytical and problem-solving
- Creative and innovative
- Can work independently and as part of a team
- Good oral and written communication skills
- Continuous learner – update skills and knowledge

The job:

- Find new ways to use data and to improve business
- Create collection systems, processes and reporting
- Write reports, clearly describing findings
- Translate and extrapolate relevant and useful data
- Cross-reference and make interpretations from large, multiple data sets
- Present data and findings for customers

Lifestyle Impact: Low

- Part Time opportunities: Low – only around 21% of Big Data Analysts work part-time (source: [labourmarketinsights.gov.au](#)).
- Average hours for full-time workers: 42 hours a week, which is average (source: [labourmarketinsights.gov.au](#)).
- Big Data Analysts' salary (median) \$110,000* per year (source: [ato.gov.au](#)). *Salaries can vary depending on your skills and experience.
- Future career growth: Strong (source: [labourmarketinsights.gov.au](#)).
- You will be doing most of your work indoors, using computers and technology.
- More than a third of workers reported regularly working overtime or extra hours (source: [labourmarketinsights.gov.au](#)).

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Big Data Analyst are most in demand in these locations:

Big Data Analysts are overwhelmingly found in metropolitan areas and capital cities. However, opportunities to work remotely or from home are growing. Most Big Data Analysts work in the Professional, Scientific and Technical Services, and Financial and Insurance Services industries.

How to become a Big Data Analyst in Australia

You will usually need a university-level qualification in order to work as a Big Data Analyst in Australia.

Step 1 – Complete Year 12 with a focus on English and Maths. Business subjects might also be useful.

Step 2 – Study a relevant undergraduate degree, such as mathematics, data analysis, business, computer science, or information technology.

Step 3 – Find work in a relevant field and start building on your experience.

Step 4 – Consider upskilling with a postgraduate degree, such as a [Graduate Certificate in Data Analytics](#).

Step 5 – Once you have lots of experience, consider starting your own business.

Find out more here –

<https://australia.iiba.org/>

<https://www.aiia.com.au/>

Similar Careers to Big Data Analyst

Systems Analyst

Database Engineer

Business Development Manager

Market Researcher

SEO Specialist

Accountant

App Developer

Web Developer

Find out more about alternative [careers](#).

Frequently Asked Questions (FAQs)

What options are there for career progression?

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You might start out as a junior, working as part of a team, before becoming a team leader or manager. You might even like to start up your own business and provide advice and services to private clients.

Do I need to go to university to become a Big Data Analyst?

Yes, you will usually need a relevant university-level qualification to work as a Big Data Analyst.

Where do Big Data Analysts work?

Big Data Analysts can work in both private and government sectors, for businesses of all sizes and in all industries.

What are 3 things I can do right now to help me become a Big Data Analyst?

If you're in high school and you'd like to find out if a career as a Big Data Analyst is right for you, here's a few things you could do right now:

1. Take short courses and workshops to build important skills like mathematics, and even learn a programming language. Become familiar with databases and relevant industry software.
2. See if you can find work experience in business. This will help you see if you might enjoy the work, and can help you start building important contacts for the future.
3. Talk to a Big Data Analyst to see what a day in their life is like. If you don't know anyone, see if you can watch videos or documentaries about a career in business.