



KSC Career News September 2023

Welcome

September is upon us and so is Spring. Looking forward to some warm sunny days during the September holiday break. Please see below the latest in University and TAFE news.

Year 12 News

Any Year 12 student that have not made an interview time with the Careers Team, please do so through Compass. This is an important conversation to have while selecting your preferences on your VTAC account. Please remember to look at Compass Newsfeed as we will continue to share information from the Universities and TAFEs about upcoming events or course information.

Year 11 News

Year 11 students can book a Careers Interview if they would like. This can be done online on the Koonung Careers Website by clicking on the button 'Book Appointments'. Year 11 students should continue to look at Compass Newsfeeds as we will share information from the Universities and TAFEs about upcoming events or course information.

Year 10 News

We still have some Year 10 students completing work experience for the remainder of the term and the year. Good luck to them and we hope you enjoy your work experience placement.

To all students, have a relaxing term break and see you in Term 4!

Included in this newsletter:

Open Days & Info Sessions

Scholarships

Careers and Jobs

Work Experience

Job Spotlight





Open Days & Info Sessions

[AIE | Industry Experience Days](#)

September 20 to October 4, 2023

AIE's Industry Experience Day is a great opportunity for students in Years 10, 11 and 12 to learn about the local and international game development, 3D animation and visual effects industries.

[Find out more](#)

[University of Melbourne | Hands on Engineering & IT](#)

September 27 to September 28, 2023

A day of workshops to introduce year 10 students to different areas of Engineering & IT.

[Find out more](#)



Scholarships

[Why You Should Apply for Scholarships](#)

Receiving a scholarship means more than just financial support. Lots of scholarships come with heaps of other benefits, and even the application process itself can help you in ways you might not have realised. If you're heading off to study and are keen to get some extra support, we have some of the top reasons why you should apply for scholarships. Take a look.

Financial support

Yes, scholarships are often more than just money, but this is still one of the main reasons most people apply for them! Whether we like it or not, education can get expensive, from tuition fees to textbooks, laptops, accommodation; the list can go on and on. Scholarships are a great way of relieving some of that financial pressure, allowing you to stress less and focus on your studies.

Expanding opportunities

Other than money, heaps of scholarships offer a whole host of other benefits as well. These can be things like access to mentoring and special study support, being invited to exclusive events and workshops, internship and work experience opportunities, connections with major employers and other organisations, travel opportunities, and more. They can be a great way to boost your study experience beyond the classroom.





Increasing your confidence

Imagine the thrill of receiving an email letting you know you've just been awarded a scholarship – it's more likely than you think! Going into your studies knowing you have that extra support can be a big confidence boost. And even just plucking up the courage to go through the application process (which can sometimes include interviews and essays) shows you have initiative and determination.

Supporting non-academic excellence

There's a pervasive myth that most scholarships only go to the best and brightest students. In reality, scholarships are awarded for a whole host of things. Whether you're a virtuoso on the piano, love to volunteer in your community, lead your local rugby team to victory, or are just super passionate about a particular subject, there are lots of scholarships out there that will reward your efforts in all aspects of life, not just your studies.

Keeping things fair

If you find yourself in a difficult position and think further study might be unattainable, think again. Lots of scholarships are designed to help people from all walks of life access education – whether you've overcome hardships at home, come from an underrepresented background, or are just facing circumstances you can't control.

Some scholarships you may be interested in:

Melbourne Chancellors Scholarship

Open: July 31, 2023

Closes: December 1, 2023

Value: 100% fee remission and \$17,500 – \$32,500 AUD

Work Experience

Deakin | Science and Environment School Experience Program

October 9 to October 13, 2023

The School of Life and Environmental Science would like to offer Year 10 students with an interest in science and the environment, the opportunity to participate in this hands-on experience. The program includes a full day of engaging and interactive activities in the field of science and the environment. Students will get the opportunity to participate in activities such as water testing, vegetation surveys, protein analysis, food chemistry and molecular biology.

[Find out more](#)





[5 work experience ideas for high school students who love cooking](#)

Work experience is a fantastic way to get a taste of the culinary world and learn valuable skills along the way. If you need some inspiration, we have some work experience ideas for students who love cooking – read on.

Local restaurants or cafes

Imagine spending a week in a bustling restaurant kitchen, learning from experienced chefs as they whip up delicious dishes. Work experience in a local eatery can give you insights into kitchen operations, meal preparation, and the art of plating. You'll gain exposure to different cooking techniques and might even have the chance to contribute to the creation of mouthwatering dishes.

Catering companies

Catering companies offer a diverse range of culinary experiences. From preparing finger foods for events to crafting elegant multi-course meals, you'll get hands-on experience in a dynamic setting. Working with a catering team will teach you about menu planning, food presentation, and the importance of timing in the kitchen.

Bakeries and pastry shops

If you have a sweet tooth and a knack for baking, a bakery or pastry shop is the perfect place for your work experience. You'll learn the art of making pastries, cakes, bread, and other delectable treats. Understanding the precision required for baking and the creativity involved in decorating will be valuable skills you can carry with you.

Cooking classes and culinary schools

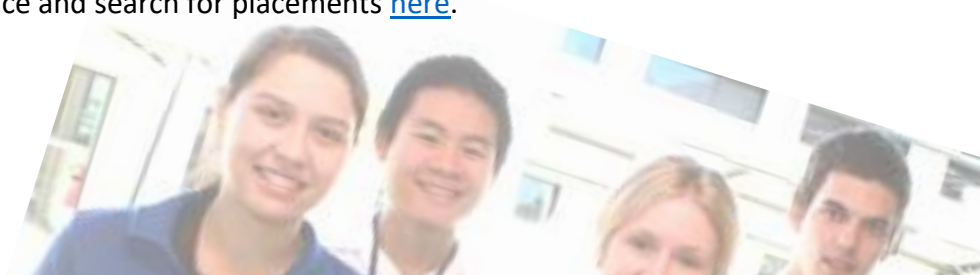
Some culinary schools or cooking classes might offer opportunities for students to assist during workshops and classes. This immersive experience can expose you to a variety of cuisines, cooking methods, and interaction with fellow cooking enthusiasts. It's a great way to enhance your skills and learn from experienced chefs.

Nutrition and meal planning

If you're interested in the nutritional aspect of cooking, work experience with a nutritionist or a meal planning service could be a fantastic opportunity. You'll gain insights into crafting balanced meals, understanding dietary restrictions, and creating meal plans that cater to specific health goals. This experience bridges the gap between cooking and wellness, offering a holistic perspective on the culinary world.

Remember, work experience is all about learning, so don't be afraid to ask questions, observe closely, and take notes. Each day presents a chance to absorb new knowledge and build connections with professionals in the culinary industry.

Find out more about work experience and search for placements [here](#).





Workplace Spotlight

What is it like to work in a bookstore?

The main purpose of a bookstore is to provide a place for people to discover, explore, and purchase different types of written content. Whether it's fiction, non-fiction, self-help, or educational materials, a bookstore is where people can go to find all these options in one location.

Bookstores also serve as places where people can gather, discuss literature, attend author events, and engage with a community of fellow readers.

While every bookstore is different, they do have some things in common:

1. Customer service is key – being able to help people find what they need and answer their questions is important for success.
2. A sense of community – bookstores serve as more than just retail spaces; they also bring together people who share a passion for reading and learning.
3. They're diverse – specialty bookstores exist, but most have something for everyone, catering to different tastes, ages, and preferences.

Discover and explore literature

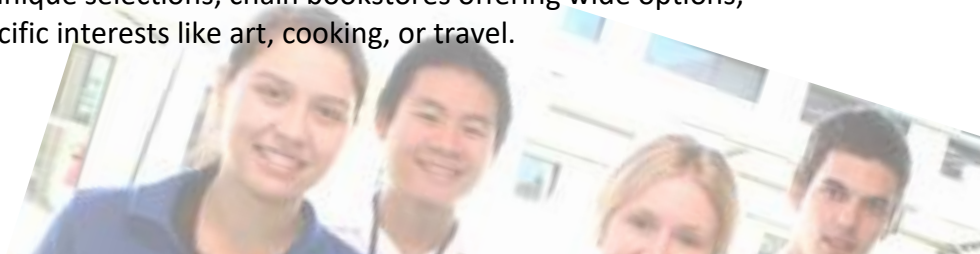
Bookstores play a vital role in society by not only providing a diverse range of reading materials for individuals to explore and enjoy, but also by creating welcoming spaces that encourage intellectual growth, foster a love for literature, and facilitate meaningful connections within the community.

Key tasks

- Assist customers in finding books
- Organise shelves and displays
- Recommend books based on preferences
- Process customer transactions
- Arrange events and book signings
- Manage inventory and restock shelves
- Handle online orders and deliveries
- Create eye-catching window displays
- Manage book club or reading group arrangements
- Keep the store clean and tidy

You can find bookstores in the retail trade industry

Bookstores are mostly found in the retail trade industry. There are various types of bookstores, including independent shops with unique selections, chain bookstores offering wide options, and specialty stores catering to specific interests like art, cooking, or travel.





You can expect regular hours and on-site work

Regular hours | Work on-site | Jobs more common in metro areas | Moderate job growth

Bookstores, like most retail businesses, are usually open from 9 to 5. If they are hosting a special event, they might sometimes stay open later into the evening.

On-site work is more common in bookstores due to the need for customer assistance and organising physical stock.

Bookstores are often more common in metropolitan areas where there's a larger population and higher demand for diverse reading materials and cultural events. This doesn't mean you can't find bookstores in rural areas, they might just be fewer in number.

The Career Clusters you'll find in a bookstore

People from all [Clusters](#) are needed for a bookstore to run successfully, but Linkers are typically the most common Cluster. In many roles, you might find yourself performing tasks across multiple Clusters.

What do Makers do in a bookstore?

Makers in a bookstore might help with the initial fit-out and build of the shop, as well as running and repairing any technology integrated with the store (such as point-of-sale systems, etc). They also need people to help keep the store clean, tidy, and presentable.

- Shopfitters
- [Maintenance Technicians](#)
- [Cleaners](#)

The role of a Linker in a bookstore


Linkers are there to help customers in a bookstore find what they need and answer any questions or queries they might have. They help to design and setup attractive displays to entice people into the store, and plan any events the store might run. Linkers are also needed to run any social media sites for the store and advertise the business to the public. Some Linkers might connect with schools, libraries, and other organisations to arrange book loans, educational programs, and special promotions.

- Retail Assistants
- [Visual Merchandisers](#)
- [Social Media Managers](#)
- Event Planners
- Outreach Officers

Where you'll find Coordinators in a bookstore

Coordinators are responsible for the behind-the-scenes operations of a bookstore, including managing rosters and accounts, keeping track of stock levels and incoming orders, or helping with planning events and promotions.



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- [Store Managers](#)
 - Accounts Administrators
 - [Event Planners](#)

What do Informers do in a bookstore?

Informers have in-depth knowledge of the books in a bookstore and share it with the public through reviews and recommendations. Other Informers might work as curators, researching and hand-picking books to cater to a store's unique market or needs.

- Critics/Reviewers
- [Curators](#)

The role of Innovators in a bookstore

Innovators help to make bookstores dynamic and immersive spaces. They might explore new ways to engage customers and use technology to enhance the customer experience, both in-person and online.

- Experience Designer
- [UX Designer](#)

How do Guardians work in a bookstore?

Guardians in bookstores help to keep customers, staff, and goods safe and secure. Some Guardians might help to ensure that the bookstore is accessible to all customers, including those with disabilities.

- Security Officers
- Accessibility Officers

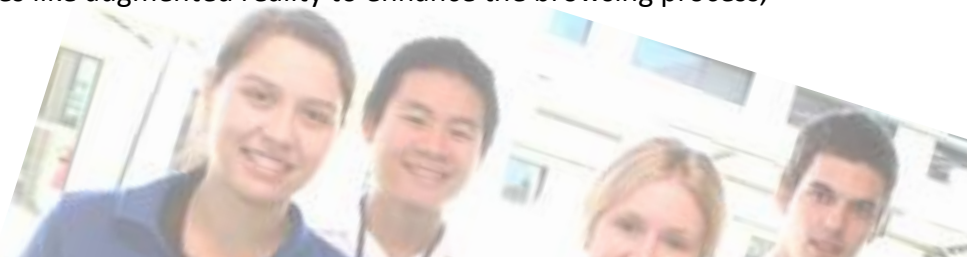
How do we expect working in a bookstore to change in the future?


Looking ahead, the experience of working in a bookstore is likely to undergo some shifts. While the heart of a bookstore lies in its physical space, where customers can explore shelves and engage in face-to-face conversations, technological advancements will likely play a bigger role. Bookstore workers might find themselves adapting to a blend of traditional and modern approaches.

With the rise of online shopping and digital content, bookstores might need to expand their online presence. This could involve managing e-commerce platforms, responding to customer inquiries via digital channels, and ensuring smooth online transactions.

As virtual events become more common, bookstore workers might also take on responsibilities related to organising and hosting virtual book launches, author talks, and online reading groups. This digital engagement can help bookstores connect with a wider audience and offer unique experiences beyond the physical store.

To stay relevant, bookstores could focus on creating captivating in-store experiences. This might involve integrating technologies like augmented reality to enhance the browsing process,





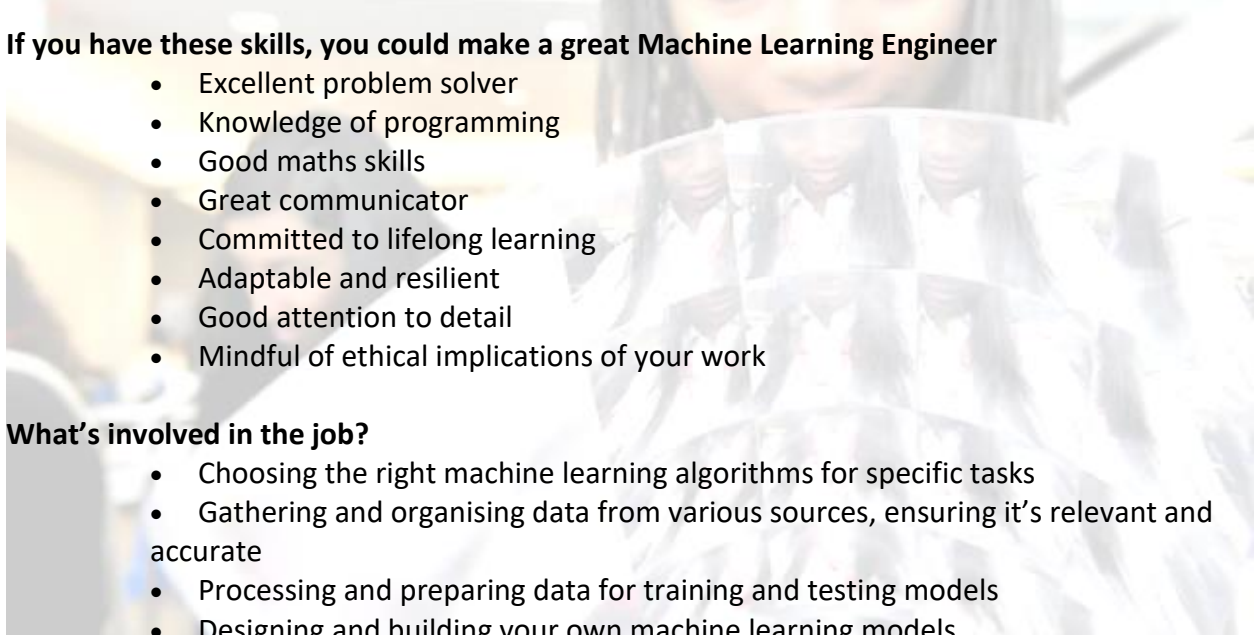
interactive displays that provide book recommendations, or even offering workshops and classes to foster a sense of community.

Job Spotlight

[How to become a Machine Learning Engineer](#)

Machine Learning Engineers are professionals who work on creating and developing systems that can learn and improve from data. These systems are designed to recognise patterns and make decisions on their own. They work with large amounts of data to train algorithms, which then learn from the data and get better over time. If you're interested in technology, problem solving, and helping computers learn to do amazing things, this career might be something to consider.

If you have these skills, you could make a great Machine Learning Engineer

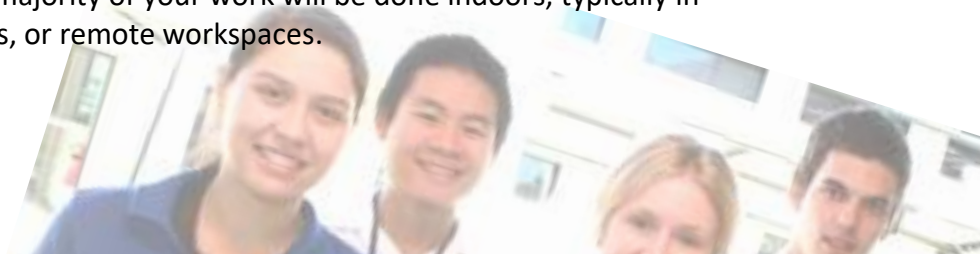
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- Excellent problem solver
 - Knowledge of programming
 - Good maths skills
 - Great communicator
 - Committed to lifelong learning
 - Adaptable and resilient
 - Good attention to detail
 - Mindful of ethical implications of your work

What's involved in the job?

- Choosing the right machine learning algorithms for specific tasks
- Gathering and organising data from various sources, ensuring it's relevant and accurate
- Processing and preparing data for training and testing models
- Designing and building your own machine learning models
- Keeping detailed records of your work, including code, methodologies, and results
- Creating visual representations of outputs to understand patterns, insights, and model results
- Integrating the trained model into applications, websites, or other systems for real-world use
- Presenting findings and insights to both technical and non-technical audiences

Where do Machine Learning Engineers work?

As a Machine Learning Engineer, a majority of your work will be done indoors, typically in settings such as offices, laboratories, or remote workspaces.





What kind of lifestyle can I expect?

Most Machine Learning Engineers work full-time, and part-time and casual roles aren't very common. They often work for private tech companies, research institutions, or for the Government.

Many Machine Learning Engineers earn an above average salary throughout their career. Machine Learning Engineers are more commonly found in metro or urban areas. But with the rise of remote work and the increasing importance of technology in various industries, opportunities in rural and remote areas may grow.

How to become a Machine Learning Engineer

To become a Machine Learning Engineer you will need to complete a relevant university degree, as well as some further training.

Step 1 – Complete high school with a strong focus on English and Maths. IT and Sciences could also be beneficial.

Step 2 – Find work experience with STEM or tech-related organisations or businesses.

Step 3 – Complete a relevant undergraduate degree, such as in computer science, data science, or software engineering.

Step 4 – Start building a portfolio of your works to show to prospective employers or clients.

Step 5 – Commit to lifelong learning and stay updated with the latest developments in the industry.

Find out more here:

- [Coursera](#)
- [BrainStation](#)
- [Forage](#)

Similar Careers to Machine Learning Engineer

- Data Scientist
- Software Engineer
- AI Developer
- Research Analyst
- Computer Scientist
- Bioinformatics Scientist
- Tech Innovator

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

