



# Jesse Cochran

Software Engineer

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Portfolio: [jessecochran.me](https://jessecochran.me)

## Education

Bachelor Software Engineering  
RMIT  
Feb 2023 – Present  
Current GPA: 3.8/4

## Skills

### Languages & Database

Java, JavaScript, C#, C++, Python, MySQL, SQLite, Room

### Libraries & Frameworks

React, Express.js, JUnit, Spring Boot

### Tools & Applications

VSCode, Android Studio, Unity, Git, Github, Kali Linux, Jira, Maven

### Personal Strengths

Determination, Adaptable, Problem Solver, Time Management, Quick learner, Teamwork, Communication

## Interest

My favorite thing to do is to learn new skills this includes improving my programming knowledge as well as learning other life skills.

When I'm not programming, I really love playing puzzle games such as portal and enjoying a nice coffee.

## References

References available upon request

## Summary

Dedicated and driven second year software engineering student committed to advancing proficiency in programming through practical experience. Eager to contribute to the dynamic field of software development while continuously enhancing skills and knowledge. With a passion for innovation and a keen eye for detail, I approach every project with enthusiasm and determination.

## Projects

### Grocery & Meal Planner Full Stack Website

Worked as a team of two on developing an online grocery and meal planner website, using React, Node, Express, and MySQL. Developed user interfaces using React and accessed recipes for meal plan using EDAMAM's API.

Built and maintained RESTful APIs with Node and Express to handle CRUD operations for grocery data from MySQL database. Created an admin panel to handle users of the website, view reviews and sale statistics.

### Climate Change & Temperature Statistics Website

Led the planning and development phases, contributing to the design and implementation of the website.

Established a robust SQLite database to efficiently store and manage data.

Implemented Java code to seamlessly connect the SQLite database with webpages, ensuring smooth data retrieval through filtering and sorting.

Utilized JavaScript to generate interactive graphs, facilitating clear visualization of temperature statistics.

### Randomly Generated Maze Generator

Developed a C++ program capable of generating random mazes based on user-specified dimensions.

Implemented algorithms to generate complex maze structures, aiding in understanding maze generation and solving techniques.

[To View More Projects, View My Portfolio](#)

## Work Experience

### Coles - Team Member

September 2019 – Current

In my role as Grocery Department Lead during day shifts, I oversee the efficient operations of the grocery department, including meticulous stock tracking, replenishment, and coordination of deliveries for all departments. I actively collaborate with other departments to ensure seamless workflow and exceptional customer service. Additionally, I contribute to the Night Fill team by expertly stocking shelves and providing attentive assistance to customers during evening shifts.