

# Perdana Audi Bailey

audibailey7@gmail.com | +61 478652657 | www.audibailey.com

---

## EDUCATION

### **Queensland University of Technology**

Brisbane, AU

*Bachelor of Engineering (Honours)/Bachelor of Information Technology - Electrical Engineering and Computer Science*

GPA: 5.83/7

Late 2022 Graduation

### **TAFE East Coast & C3 Church**

Sunshine Coast, AU

*Certificate III: Information Technology and Digital Media - Level 1 & 2 Support and Systems Administration*

2017

## WORK EXPERIENCE

### **Oracle**

Brisbane, AU

*Software Engineering Intern*

January 2021 – Present

- Working with the Parfait team to develop React and C features using the Kanban methodology.

### **WorkingMouse**

Brisbane, AU

*Software Engineer*

June 2020 – January 2021

- Co-Lead developed a proprietary task/activities management app using React Native and the Scrum methodology for a client.
- Provided development support for many different applications using React, React Native, Ruby, C#, LAMP, Java and Angular.

### **Queensland University of Technology**

Brisbane, AU

*Peer Leader*

January 2019 – January 2020

- Volunteer for the IFB105 (Database Management) study sessions.
- Volunteer teaching for CAB202 (Microprocessors and Digital Systems in C).

### **C3 Church**

Sunshine Coast, AU

*Junior Sysadmin/IT Trainee*

April 2016 – September 2017

- Provided level 1, level 2 support and SMB Sysadmin for MacOS and Windows Machines.

### **HTPCGuides**

Remote

*Contract Programmer and Author*

2015

- Developed a XML aggregation application using Python and JS.
- Developed a plugin for MyBB using PHP.
- Authored multiple Arch Linux tech articles for Single Board Computers.

## PROJECT WORK

### **Full stack stock platform CAB230**

- Developed a full stack stock platform using React, Express and Postgres.

### **Chat Server CAB403**

- Developed an IRC clone using standard C.

### **Billboard Scheduling System CAB302**

- Developed a billboard scheduling ecosystem (client, server and viewer applications) using standard Java and maven.

### **Tom and Jerry Inspired Game CAB202**

- Developed an adventure/platformer game using standard C and Ncurses.
- Developed an adventure/platformer game using AVR C for a teensy.

## SKILLS

**Languages:** Python, C, C#, Java, JS, Golang, SQL, Rust, PHP, Ruby, Bash

**Patterns and Practices:** Object Oriented Programming, Functional Programming, CI & CD, Microservices, Systems Programming, AVR programming

**Notable Libraries:** React, React Native, Numpy, SciPy, SvelteJS

**Software/Tools:** MS Office, Latex, Linux, Git, Jupyter, MATLAB, Ansible, Docker, Adobe XD

**Soft skills:** Experience working with deadlines, effective communication skills with internal teams and clients/stakeholders, experience with leadership