

Perdana Audi Bailey

ENGINEERING STUDENT · INFORMATION TECHNOLOGY STUDENT

✉ audibailey7@gmail.com | 🌐 www.audibailey.com | 📷 audibailey | 🐙 audibailey

Employment

Queensland University of Technology

Brisbane

IFB105 (DATABASE MANAGEMENT) PLL

2019

- Volunteer assisting the study support sessions for IFB105 (Database management) unit.

C3 Church

Kawana Waters, Sunshine Coast

IT TRAINEE

April 2016 - September 2017

- An IT Trainee specializing in Level 1 Support and some Level 2 Support. Mainly Windows and MacOS Machines.

HTPCGuides

TECH BLOGGER AND CONTRACT PROGRAMMER

2015

- Guide author for the Banana Pi Pro running Arch Linux with contracts. Contracts are open sourced on my GitHub/GitLab.

Education

Queensland University of Technology

Brisbane

BACHELOR OF INFORMATION TECHNOLOGY & BACHELOR OF ENGINEERING (HONOURS)

2018-Present

- Majoring in Computer Science and Electrical Engineering.

TAFE East Coast & C3 Church

Sunshine Coast

CERTIFICATE III: INFORMATION TECHNOLOGY

2016-2017

- Level 1 & 2 IT support and small business systems administration.

University of the Sunshine Coast

Sippy Downs, Sunshine Coast

COMPLETED TWO UNIVERSITY COURSES

2015

- Studied Creative Programming (ICT112) & Introduction to System Analysis and Design (ICT115)

Kawana Waters State College

Kawana Waters, Sunshine Coast

CERTIFICATE II: WORKPLACE HEALTH AND SAFETY

2014

- Studied Workplace Health and Safety regulations for Queensland workplaces.

Relevant Coursework

Electrical Engineering

- Microprocessors and Digital Systems (C)
- Foundations of Electrical Engineering
- Foundation of Engineering Design
- Engineering Mechanics
- Engineering Sustainability and Professional Practice
- Energy in Engineering Systems

Computer Science

- Systems Programming (C)
- Programming Principles (C#)
- Database Management
- Impact of IT and Computer Technology Fundamentals
- Engineering Computation
- IT System Design

Skills

Programming

Adept: Python, MatLab, C#, LaTeX and Golang.

Competent: Bash, JavaScript, HTML, CSS, PHP, C and Julia.

Novice: Rust.

Technology

Hardware: Teensy, Raspberry Pi and Operating Systems Programming (Linux).

Software: Git, SSGs (Gatsby and Sapper), *nix (Arch, Debian), CI/CD (Travis and Ansible), Windows Server (GPO and AD), Virtualisation (Docker, Kubernetes, HyperV, VMWare, KVM) and Serverless (Lambda).