

Kent Rattley

Bachelor of Computer Science

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PROFILE

Second-year Bachelor of Computer Science student at the University of Adelaide, with knowledge in a range of programming languages, algorithms and practical office administrative experience. Eager to apply academic knowledge in real world applications, particularly in fields like software development and AI.

EDUCATION

2023 – 2025

The University of Adelaide

Bachelor of Computer Science, GPA: 6.67 / 7

Relevant Coursework: Algorithm Design & Structure Analysis, Software Engineering Project (Maptek), Web & Database Computing, Computer Systems, Distributed Systems

EMPLOYMENT HISTORY

2021 – 2022

Office Administrator (Certificate 3 in Business)

Rice Electrical Contractors

- Managed schedules for workers in order to minimise wait times for customers. Necessitating leadership, problem solving and collaboration with senior members.
- Handled customer queries and communications in regards to work being undertaken, requiring initiative and teamwork to stay on top.
- Learnt and made use of several different company software to process quotes, invoices and bank transactions. In addition, learning and teaching new solutions to meet a large contractors needs.
- Maintained base line inventory levels for vehicles and warehouse with good coordination.
- Constructed multiple websites, including designs, using WordPress. Requiring independence and communication.

PROJECTS

03/2024 – 06/2024

We Org – Volunteer Organisation Management Website

Full stack website developed with VueJS and MySQL for volunteering organizations to find members and manage events.

06/2024

3D Object Viewer

C++ and OpenGL implementation of a 3D camera involving projection and triangle clipping to view object files.

11/2023

2D Minecraft Clone

Basic 2D block game using C++ and OpenGL, incorporating Perlin noise terrain generation, physics and block placement.

AWARDS

2021

- ADF Long Tan Youth Leadership & Teamwork Awards (2021).

COMMUNITY INVOLVEMENT

2023 – Present

Computer Science Club – Member

2024 – Present

SQUAD - Member

TECHNICAL SKILLS

Languages

C++, Java, Python, JavaScript, HTML/CSS, Bash

Frameworks

OpenGL, SFML, Pygame, Vue.js, Next.js

Developer Tools

Git/GitHub, Docker, Jupyter Notebook, WSL