

BEN WHEELER

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Career Objective

Currently an enthusiastic third-year Computer Science student majoring in Cybersecurity at the University of Adelaide. I have extensive experience with Data Structures and Algorithms, and a passion for software and technology. Now seeking an internship role as a Software Engineer.

Education

The University of Adelaide – Adelaide, Australia Mar 2020 – Jul 2023
Bachelor of Computer Science, GPA: 6.3/7

Key Topics:

- Algorithms and Data Structures
- Computer Systems
- Cybersecurity Fundamentals
- Web and Database
- Problem Solving and Puzzle Based Learning
- Computer Networks (TCP/UDP)

Seaview High School – Adelaide, Australia Jan 2015 – Nov 2019
Years 8 – 12 SACE Completion and Graduating ATAR: 91.3, GPA: 4.6/5

Project Experience

ToDo – Personal Project Jan – Feb 2022
An iOS 15 application built using Swift and SwiftUI and features persistent data storage, and custom class implementations through Core Data. The app allows users to create to-do items and toggle between a due date or time. Each to do is tracked from creation date, till the due date with a live progress bar representing elapsed time until due.

Blackjack – University Project May - June 2020
A blackjack (21) card game simulator built entirely in MATLAB. Features a custom card deck, and simulates random drawing of cards, and prints to terminal.

Fantasy Battle Simulator – University Project Aug - Sep 2020
A command-line character creator that allows users to generate their own character with unique stats based on chosen characteristics. Demonstrates use of classes, inheritance, and polymorphism in C++. Created characters also battles against a randomly generated opponent and program determines a winner based on each character's generated statistics.

Past Employment

UIX Software Engineering Summer Intern – Maptek Adelaide Nov 2022 – Present
Develop an animation editor for 3D objects in a scene, using C++ and the Qt framework. Helped resolve tickets and improve the stability of codebase.

Fresh Convenience Team Member – Woolworths Marion Oct 2020 – Present
Performed stock management and rotation tasks and working alongside other team members and delegating tasks. Further tasks include working checkout with cashier experience and fulfilling online customer orders within a time limit.

Supervisor – Australian Electoral Commission

May 2022 – May 2022

Supervised a large team of ballot counting staff for the 2022 Federal Election, assuring accuracy and authenticity of all counting activities. I adhered to and communicated all policies and procedures within my team, also managing team supplies, breaks, and escalations with team managers, and other high-level stakeholders where required.

Fresh Convenience Team Member – Woolworths

Oct 2020 – Present

Performed stock management and rotation tasks and working alongside other team members and delegating tasks. Further tasks include working checkout with cashier experience and fulfilling online customer orders within a time limit.

Team Coach – KFC

Jun 2017 – Nov 2020

Spent time training new employees and mentoring existing employees through teaching food health standards and safe equipment usage procedures. Managed and delegate tasks to myself and fellow team members on shift, to ensure smooth operations in a fast-paced team environment. I was also trained in Food Service and preparation was in-charge of overseeing Deliveroo and Menulog operations within the store.

Volunteering Experience**Robogals Adelaide**

Mar 2022 – Present

Developed mentoring skills through volunteering experience with a university-based club. Helped teach basic concepts of coding and robotics to young children in schools, particularly featured around trying to engage women in STEM through the LEGO MINDSTORMS platform.

Community Involvement**Advent of Code**

Dec 2021 & Dec 2022

Competed in the 2021 Advent of Code programming challenge run throughout December 2021, using C++ ++, and December 2022 using Python.

Skills & Languages**Gained from University**

C – 3 Years

C++ – 2+ Years

MATLAB – 1+ Year

Bash – 1 Year

Self-Taught

Swift + SwiftUI – 1 Year

Unix Systems – 8+ Years

Python – 1 Year

Past Work Experience

Customer Service – 6+ Years

Mentoring Peers – 3 Years

Professional Associations**Adelaide Uni Computer Science Club**

Mar 2020 – Present

Standard membership throughout my degree and attended social events.

Competitive Programming Club

Dec 2021 – Present

Standard member. Competed in Advent of Code 2021 and 2022 while also offering programming support to club mates.

Robogals Adelaide – Marketing Manager

Mar 2022 – Present

Planned and attended events, completed volunteer work at primary schools, while promoting club work on social media platforms and helping with recruitment of new members.