

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

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

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

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

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 offered programming support to club mates.

Robogals Adelaide

Mar 2022 – Present

Standard member. Attended social events and completed volunteer work at schools.

Software Engineering Club

Apr 2020 – Present

Standard member since 2020.