Kyle JOHNSTON

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CAREER GOAL

A dedicated and ambitious Computer Science student, I aspire to be able to leverage technology to solve complex problems and make a meaningful impact. My goal is to pursue a career that allows me to apply my sound technical skills, and gain hands-on experience. I am committed to continuing to drive innovation, and contribute to impactful projects that make a positive difference in the world.

EDUCATION

Bachelor of Computer Science| University of Adelaide
February 2022 - November 2024
- Foundations of Project Management, Web & Database Computing, Algorithm & Data Structure Analysis, Cybersecurity Fundamentals, Using Machine Learning Tools, Computer Networks & Applications

High School Diploma| Plympton International College
February 2009 - November 2021
- Certificate II in Information, Digital Media and Technology
- Stage 2 Physical Education Highest Achiever

WORK EXPERIENCE

Crew Coach| McDonald's West Beach
October 2020 - October 2023
- Provided guidance and support to crew members, training in all stations of restaurant, and assuming a leadership role.
- Developed strong communication, customer service and professional skills through interactions with customers, team members and management.
- Managed various organizational and administrative tasks as part of daily operations

Basketball Coach| St Michael's College
April 2024 - Present
- Design and conduct engaging and helpful practice sessions for a wide range of skill levels among students.
- Integrated a positive team environment where learning and cooperation are emphasised.
- Communicated effectively with young athletes, parents, and school staff to ensure alignment on training goals and student welfare.
- Travelled with and supervised students to away games, ensuring safety and wellbeing.

SKILLS

- Strong time management and independent initiative.
- Exceptional written and oral communication skills.
- Creative and critical thinking for problem-solving.
- Proven teamwork skills, working collaboratively with diverse groups.

- Thorough knowledge of project management methodologies, such as scheduling and cost management.
- Technical: Microsoft Office, MATLAB, C, C++, Python, JavaScript, HTML, Bash, CSS, Vue.js, Node.js

PROJECTS

Object Oriented Hangman
- Coded Virtual hangman game in C++, utilising object oriented programming concepts
- Implemented user friendly UI with additional functionality such as game difficulty, topics, and up to three save slots

Blackjack Basic Strategy calculator
- Developed a C++ program to perform analysis to give user the best move, based on basic strategy
- Implemented User friendly UI and options for different rule variations

Clubs and societies web application
- Collaborated in a Group project involving full-stack development of a web application for students to view and join clubs
- Displayed proficient use of HTML, CSS, JavaScript, Vue.js, XHTML
- Integrated MySQL database
- Secure application with measures taken place to mitigate attacks eg. Input Sanitisation,

EXTRA CURRICULAR ACTIVITIES

Forestville Eagles Basketball Club
- Active member of club for 13 years, developing leadership, teamwork and discipline through training sessions and competitive matches

University of Adelaide Capture the Flag club
- Competed to solve Cybersecurity-based challenges, such as finding vulnerabilities and reverse-engineer secret messages

REFEREES

- Available upon request