

Greenland Yu

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South Australia, Australia



Career Summary:

A current second year student completing a Bachelor of Computer Science (Advanced) with an interest in creating quality products. Have dealt with programming in C++ and dealing with high level C++ concepts. Looking for internship opportunities.

EDUCATION

University of Adelaide — *Bachelor of Computer Science (Adv.)*

February 2017 - Present

Expected graduation: November 2020

Planning to major in Artificial Intelligence. GPA: 6.875/7

Key Courses: Object Oriented Programming, Algorithm Design and Data Structures, Puzzle Based Learning, Scientific Computing, Grand Challenges in Computer Science, Introduction to Software Engineering, Web and Database Computing, Mathematics 1A, Mathematics 1B

PROJECTS

Dynamic and Interactive Visualization— *Lone Research Project*

Description and Responsibilities

- Created with HTML, CSS, Plotly and Jupyter Notebook
- Had to process a dataset (Global Terrorist Database) to produce an interactively visualization where conclusions could be drawn about the nature of terrorism
- Had to manage time effectively to complete project by due date and to a respectable standard

Airport Control System — *Group Project*

Description and Responsibilities

- Created with C++
- Program utilizes efficient memory management, input, output and testing
- Drew out initial diagrams in order to coordinate group to understand the problem
- Created simulations of aircrafts taking off and landing

EMPLOYMENT HISTORY

YMCA, Elizabeth — *Swimming Instructor*

October 2016 - Present

Key Responsibilities

- Maintained control over excitable children while imparting crucial swimming knowledge and water safety skills to them
- Showed patience and empathy in order for the children to listen
- Had to be clear and concise in speaking so the children would respond accordingly
- Have taught adults how to swim
- Attended staff meetings and further teacher training sessions

KEY TECHNICAL SKILLS

Languages:

- C++ (Proficient)
- HTML (Basic)
- CSS (Basic)
- MATLAB (Proficient)
- JavaScript (Basic)
- Python (Basic)

Operating Systems:

Windows, UNIX

Applications:

Microsoft Office, MATLAB, Plotly, Jupyter Notebook

SKILLS AND COMPETENCIES

Problem Solving

Love of learning

CPR

Innovation

Highly driven

Communication (written and verbal)

Bilingual (Chinese Mandarin and English)

First Aid

Austswim Certificate

Life Guard Certificate Set

ACHIEVEMENTS

Access Adelaide Scholarship (2018-2020)

- Demonstrated financial need
- Achieved due to academic merit prior to commencing university study

INTERESTS

New technology, Mathematics, Reading, Artificial Intelligence, Gym, Swimming, Bouldering

REFEREES

Jasmin Rogers—Swim School Coordinator

Email: jasmin.rogers@ymca.org.au

Mobile: 0459 988 203

Carol Margrison—Swimming Coach

Email: carolem@internode.on.net

Mobile: 0424 733 312