

Greenland Yu

<https://yu-greenland.github.io>

Email : yu.greenland@gmail.com

Mobile : +61470403162

EDUCATION

- **The University of Adelaide** Adelaide, SA
Bachelor of Computer Science (Advanced); GPA: 6.75 Mar. 2018 – Present
- **Trinity College Gawler** Gawler, SA
Achieved SACE Certificate; ATAR: 97.56 Graduated in 2017

EXPERIENCE

- **Lockheed Martin Australia** Mawson Lakes, SA
Co-op Technical (Software) Aug 2019 - Jan 2020
 - **Introduced to the Software Engineering Process:** Experienced putting the skills and theory learnt at university into the work place. Introduced to version control, code reviews, and collaboration using GitLab. Experienced parts of the Software Development Lifecycle. Learnt how to work as a team and deal with different personalities. Gained experience in a wide range of technologies.
 - **Learnt Ansible:** Learnt the basics of Ansible and setting up Software Development Environments.
 - **Performed Data Science:** Collected data from simulation of the environment and performed data manipulations to gain worthwhile information. Had to understand the context behind the models and the interactions of the environment.
 - **Got familiar with Unix:** Became much more comfortable working and developing on Unix machines.
 - **Became much more versed in Python and Java:** Developed and help developed programs to assist business needs. These programs were primarily in Python and Java and followed a micro-service design pattern.
- **Bluefit and YMCA** Elizabeth N, SA
Swimming Instructor Oct 2016 - Present
 - **Displayed Leadership:** Maintained control over excitable children while imparting crucial swimming knowledge and water safety skills to them.
 - **Exercised Patience:** Showed patience and empathy in order for children to settle down and listen
 - **Showed Communication:** Had to be clear and concise in speaking so the children would respond accordingly
 - **Is Willing to Learn:** Attended staff meetings and teacher training sessions to keep my skills updated and refreshed.

PROJECTS

- **Restaurant Booking Website - Group Project:** Created using a full-stack (HTML5, Vue.js, NodeJs, Express, MySQL) and accessed the Google Maps API. Fully functional website including registration, logging in, searching, browsing, location tracking, booking, cancelling, aesthetic user interface and accessible elements.
- **Dynamic and Interactive Visualization - Lone Research Project:** Created with HTML, CSS, Plotly and Jupyter Notebook. Processed a data-set (Global Terrorist Database) to produce an interactive 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.
- **Volumetric Analysis of Anatomical Brain Structures - Lone Research Project:** Major component of degree. Under supervision, created tools for volumetric adjustment methods of brain structures. Created using the sci-py stack. A literature review and an academic paper was created along with working system.

KEY TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript, MATLAB

Technologies: RabbitMQ, Docker, Git, Ansible

INTERESTS

New technology, Mathematics, Gym, Swimming, Boulderling

REFERENCES

References on request