

Adelaide, SA, Australia

SHAWN LYU
+61 493 416 262 | jingran.lyu@outlook.com

github.com/ljrshawn
linkedin.com/in/shawn-jr-lyu
shawnl.dev

Education

| | | |
|---|------------------------------------|-------------------------|
| The University of Adelaide Master of Computing and Innovation | Adelaide, Australia | Will Graduate June 2023 |
| The University of Southampton Diploma of MicroElectroMechanical Systems | Southampton, United Kingdom | Graduated June 2019 |
| Beijing Jiao Tong University Bachelor of Electronics Engineer | Beijing, P.R.China | Graduated June 2017 |

Work Experience

| | |
|--|---------------------|
| Data science Intern — Ping An Bank | Nov 2020 – Mar 2021 |
| Working on improving the algorithm of the Q&A robot with the team members based on the corpus obtained by the web crawler. Created a script for automatic crawling. (Python) | |

Projects

| | |
|--|-----------|
| Distributed system | July 2022 |
| Wrote a web page to simulate and visualize the stability of information passing between cowboys after they are attacked. Specifically, cowboys pass information through raft. After the leader is attacked, a new leader is selected in the shortest possible time, so that the cowboys can avoid the next wave of attacks. I am responsible for the design and optimization of the front end, and participate in the data feedback and reception of the back end. (JavaScript, NodeJS, Html, CSS and MangoDB) | |
| E-commerce website conduction and operation | Mar 2021 |
| Create an e-commerce website speebuy.com based on the Shopify platform. I was responsible for the construction of the entire webpage, mainly the front-end UI design and coding, as well as the sales and delivery of e-commerce. (JavaScript) | |
| Titanic | Sep 2020 |
| Create a model using random forests to predict the survival of certain passengers after the sinking of the Titanic. Use Seaborn and Matplotlib to analyze the original data, and perform correlation analysis on multiple sets of data. Clean the data. Finally, predictions are made based on the model obtained from the training data. (Python) | |

Languages

| | |
|--------------------------------------|--|
| Proficient: C++, Java, Python | Experienced: Javascript, MangoDB, SQL |
|--------------------------------------|--|

Additional Experience And Achievements

- **Ravi's Study Program (2022)** - 13 Week Intensive Programming Bootcamp.
- **Adelaide Graduate Award (2022)** - Involves in volunteer jobs and cross-culture communication events.
- **Exchange Study (2015)** - Study electrical engineering at the Department of Electrical Engineering, National Chiao Tung University (Taiwan).
- **German Volkswagen Automation Training (2015)** - Learning and training for Siemens automation systems.