

Ruihan JIA

☎ +86 17521169499 | ✉ [E-mail](#) | 🌐 [GitHub](#)

EDUCATION

The University of Sydney

Sydney, Australia

BE. Hons Mechatronic Engineering

2019 – 2023

- Major in Robotics and Intelligent System
- 1st Class Honour

WORK EXPERIENCE

Software Engineer intern.

Shanghai, China

PriceWaterhouse Coop. (PwC US)

Dec. 2020 – Mar. 2021

- Automation QA: Wrote test cases aiming to keep testing and monitoring the UserStoryCoach database. Used automation scripts Robot Framework and Python to do this task in the later stage.
- Data Analysis: Ideated, developed and implemented a data feed automation software. Extracted useful information from the raw data. Clean and format them into the style suitable to be entered into the database.

IN-CURRICULUM PROJECTS

Pulse Oximeter | *Electronic Devices and Circuits*

2020

- Measured the concentration of oxygen in the blood by detecting degree of red light absorption by the blood which is proportional to the oxygen concentration.
- Amplified and attenuated the signal by the filter to get the voltage which reflects the absorption of the light.

TECHNICAL SKILLS

Programming Languages: Python, C/C++, Assembly, SQL, R

Engineering Tools: MatLab, SolidWorks, LINGO, Jupyter Notebook

Developer Tools: Git, CMake, Pandas, Selenium, Robot Framework

Human Languages: English, Chinese, Japanese (JLPT N3)