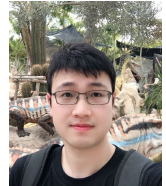


# Xingxiang(Jeff) Luo

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<https://github.com/USYD2020>



## EDUCATION

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**University of Sydney** - Bachelor of Computer Science Undergraduate School of Engineering and Information Technology

Jul 2017 - Sep 2020

- WAM: 83/100 (converted to 4.0/4.0 GPA, top 5% of majors)
- 2018 Dean's List of Excellence in Academic Performance
- 2017 Vice-Chancellor's International Scholarship
- Related Courses: Software Design, Machine Learning, Image Processing, Algorithm Design, Big Data Analytics

## Project experience

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**Refactor of EPR Ordering System**

Mar 2020 - Apr 2020

- A school project written in Java to develop a command-line interface to interact with the client, enabling users to create order, save order and update database in servers.
- Applied concurrency techniques to improve the speed of saving orders.

**Data analysis on the virus vulnerability scores of 312 regions in Sydney**

Mar 2020 - Apr 2020

- A data analysis research designed to reveal viral vulnerability using Python to scrape data from government websites, using SQL for data management on servers.
- Applied indexing to speed up query and mathematical models to compute scores, and Python scripts to automate spatial visualisation of the viral vulnerability of 312 regions.

**Capstone Project: Trading bot for MetaTrade** - product manager

Aug 2019 - Nov 2019

- Led a 5-man developer group to use Python and C++ to interface between MetaTrader and Python scripts, automated trading operations for the client, documented knowledge management using BitBucket and user manual.
- Scored 92/100 and impressed the client (trading algorithm developers) and professors. manual, well praised by the client and professors.

## PROFESSIONAL EXPERIENCE

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**STEM Tuition Agency** - Core Lecturer

Mar 2018 - Jun 2020

- Planned operations and designed teaching contents to increase the number of customers by 30%
- Improved the performance of more than 300 students, reduced the failure rate from 30% to 5%

**Infineon Technologies** - Consultant Intern

Aug 2013 - Apr 2014

- Applied data analysis techniques and simulation technologies to evaluate the supply network
- Designed automated tools to optimise the logistics of Infineon in speed, cost, and service level.

## SKILLS, CERTIFICATIONS & OTHERS

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- **Skills:** Excel, SQL, Python, R, Matlab, Java, Git, Azure
- **Languages:** English, Mandarin
- **Interests:** Basketball, Peking Opera