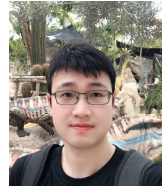


Xingxiang(Jeff) Luo

Phone: 86-15271226757 | Email: jeff2020@qq.com

LinkedIn: <https://www.linkedin.com/in/xingxiang-jeff-luo-154733144/> | WebSite:

<https://github.com/USYD2020>



EDUCATION

University of Sydney - Data Science Master Mar 2021 - Sep 2022

Graduate Certificate WAM:85/100 (top 5%)

University of Sydney - Computer Science Bachelor Jul 2017 - Jul 2021

- Bachelor WAM: 82/100 (top 5%)
- Dean's List of Excellence in Academic Performance 2018, Vice-Chancellor's International Scholarship 2017
- Related Courses: Software Design, Machine Learning, Image Processing, Algorithm Design, Big Data Analytics

Project experience

NLP named entity recognition - Main Programmer May 2021 - Jun 2021

- completed NLP course COMP5046, built a Bi-LSTM CTF model with different attention strategies to solve a Named Entity Recognition (NER) task for the defense corpus, improved the baseline model using extra semantic, syntactic input embedding, achieving 84% accuracy. Link: <https://github.com/USYD2020/NER-on-RE3D>

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 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 group to use develop an 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.

PROFESSIONAL EXPERIENCE

STEM Tuition Agency - Core Lecturer Jul 2018 - Jun 2020

- Planned operations and designed teaching content 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

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