

Xingxiang(Jeff) Luo

86-15271226757 | jeff2020@qq.com
<https://github.com/USYD2020>



EDUCATION

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

- Master WAM:81/100 (top 5%)
- High Honour Roll 2021
- Related Courses: Natural Language Processing, Machine Learning, Deep Learning, Cloud Computing

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

Project experience

Document Form Understanding - Annotator and NLP model developer USYD NLP Group Mar 2022 - Sep 2022

- Designed manual annotation of text and layout information, developed a multimodal model to predict text types and relationships for any financial document. Co-authored Form-NLU, a dataset for Form Natural Language Understanding, published in SIGIR'23. Link: <https://arxiv.org/abs/2304.01577>

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>

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 (algorithm developers), documented knowledge management using BitBucket and user manual

PROFESSIONAL EXPERIENCE

Intel China - Software Engineer System Software Test Engineering Oct 2022 - Present

- supported the full-cycle testing of the Whitley and the internal testing of Eagle Stream (EGS) server; refactored and optimized the automatic testing scripts; implemented data mining and visualization of High Severity Defects.

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, AWS
- **Languages:** English, Mandarin
- **Interests:** Basketball, Peking Opera