Chih-Yun Chien

🌐 English (Fluent), Mandarin (Native)

🎓 King's College London 2019 (2:1)
BSc (Hons) Computer Science (specialised in AI)

✉ jolinechien@yahoo.com.tw

⬡ https://jojojolin.github.io.

📞 +886 974206563

Work Experience

Software Test Engineer   **2019 SEP 16 - Present**

IBM, China Development Lab   Taipei, Taiwan

• Collaborate with France Lab ODM dev team to perform Globalization Verification Tests on their products in CI/CD manner
• Create automated UI tests using Selenium WebDriver and JavaScript
• Brainstorm & develop new features for internal automation tools using mainly **Node.js** and **AngularJS**

Software Developer   **2018 JAN 03 - 2018 MAR 31**

Room One Ltd   London, UK

• Worked primarily in **Python** and **ROS** on Ericsson's 5G demo project for MWC 2018 🐦
• My tasks encompassed the **network** and **robotics** aspects of the project
  - **Socket** programming and applying **mathematics** to convert points in 3D space to **joint angles** interpretable to the UR3 robot
• **Optimised** human-robot motion synchronisation with **async** HTTP

Software Engineer   **2017 SEP 05 - 2018 MAR 31**

Centre for Telecommunications Research @ KCL   London, UK

• Worked in an **agile** manner with the team developing the prototype infrastructure for the UK's 5G-data core
• Worked in a **linux environment** and used **command line** for most of my tasks
• **Implemented** the **MP-TCP/IP** proxy in **C** on a **linux** server

Solo Projects

Operation Board Game   **C, LeapMotion,UR3**

• A gigantic version of Operation Game developed for O2
• "Operation" is performed by a robotic arm controlled by a human player in a different room via a hand-motion-tracking system

Face 2D Sticker App   **Java, Multithreading, OpenCV**

• **Real-time** video processing application created for fun

Read more...

Activities

P-TECH IBM x National Taipei University of Technology   **2020**

• Provided technical guidance on students' final year projects

Facebook Secure and Private AI Scholarship   **2019 JUN - SEP**

• 3 months course on **Federated Learning**, **Differential Privacy**, and **Encrypted Computation** on Udacity
• Used **Pytorch** and OpenMined's **PySyft** to train AI models securely

2018 Facebook Hack A Project   **2018 OCT - NOV**

• 6-week program at Facebook London with mentoring support from senior software engineers
• Worked on the **backend** of an **Android App** using **Node.js** with **Express framework** and Heroku for infrastructure

Read more...

Programming Languages

Actively using: Java, Python, JavaScript