

Jia Sheng Liang

Phone: +44 (0) 7736 065374

Email: jia.liang-2@student.manchester.ac.uk

Linkedin: www.linkedin.com/in/liangjiasheng

Github: www.github.com/cookiespam

EDUCATION **BSc (Hons) Computer Science**, Sep 2017 - Present Expected Grade: 2.1
The University of Manchester, Manchester, United Kingdom

Diploma, Information Technology, Apr 2014 - Mar 2017 GPA: 3.93
Nanyang Polytechnic, Singapore

EXPERIENCE **Temp Staff** Urban Redevelopment Authority
Feb, 2017 - Apr, 2017 Singapore

- Co-developed an open source version of ePlanner, an in-house geospatial visualization platform.
- Setup data backend, including AWS server management, data import and manipulation using PostgreSQL, PostGIS, and data access through various other AWS services.

Systems Analyst Intern Urban Redevelopment Authority
Sep, 2016 - Feb, 2017 Singapore

- Developed new features for ePlanner, with ESRI web services, React.js and various other JavaScript libraries.
- Co-developed 2 chat bots on Facebook Messenger to serve the agency's business needs using Dialogflow, Node.js, MongoDB, PostgreSQL with PostGIS and Heroku.
- Explored the usage of Docker containers to ease software development setup across government computers; Experimenting with CMUSphinx client-side for offline speech recognition; Visualization of 3D building models on ePlanner using Cesium and MapboxGL.

Intern Office of the Member of Parliament for
Aug, 2017 Kelana Jaya, Wong Chen
Malaysia

- Wrote a policy paper on the issue of Net Neutrality in Malaysia.
- Participated in a GIS data analytics research project to map the extent of deforestation caused by palm oil plantations in northern Malaysia.

SKILLS **Programming Languages :** Proficient in: Java, JavaScript, HTML, SQL
Also basic ability with: Assembly, Verilog, Python, C, C++, Swift, Matlab
Frameworks: JQuery(basic), React.js (basic)
Techniques: Agile, Version Control
Tools: Git, Eclipse, IntelliJ, Visual Studio, Node.js, QGIS, L^AT_EX
Operating Systems: Linux, macOS, Windows
Languages: English (fluent), Mandarin (intermediate), Malay (basic)
Personal: Writing reports, self-motivation, teamwork

INTERESTS Squash, Badminton, Football