MICHELLE S LEE

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Education

Minerva Schools at KGI	California, USA
Bachelors Science, major in Computer Science	August 2017-
	May 2021

- Admitted to a selective university program with ~2% acceptance rate.
- Relevant coursework: algorithm design; statistical analysis and visualization; mathematical modeling.

Work/ Project Experience

Hotokami.jp (Shinto SNS and Wiki)	Tokyo, Japan
Full Stack Web Development Intern	May – Aug 2019

- Designed and executed UX changes based on analysis of user journeys, engagement metrics, and conversations (**MySQL, Google Analytics, Python**).
- Increased user registration (4x) by simplifying registration process (**Rails**).
- Increased user engagement (6x) with map integration, photo album feature, and various UX changes (**Google Maps API, Adobe XD**).

Google CodeU Program	Singapore
Participant	May – Aug 2019

- Utilized industry best practices to work with a team of 4 through the entire product development cycle.
- Built a knowledge exchange app with real time visualizations and a message screening system **(Java, Google App Engine, Google Cloud Platform APIs)**.

Pilot (Automated Bookkeeping Company)	California, USA
Project Co-leader and Programmer	Jan – May 2018

- Automated vendor name extraction from bank memos on a previously uncategorizable dataset by building a NER program **(Python)**.
- Increased the accountants' trust in the system by providing certainty scores and prioritising accuracy (99% precision and 70% recall).

The Last Mile (Tech Training Prison Program)	California, USA
Project Co-leader and Programmer	Aug – Nov 2017

- Reduced wait-time for feedback from a week to on-demand by building a simple command line grading program **(JavaScript)**.
- Simplified progress evaluation by building a progress visualization tool that updates automatically during successful code submissions **(Git Hooks)**.

Leadership and Accomplishments

- Hackathon wins: Singapore Airlines App Challenge 2017 (1st); Women in Blockchain 2018 (1st); First Net Public Safety 2018 (3rd + best use of sponsor's tech).
- Achievements: Led a youth movement that raised over $60,000 USD; Led Malaysia Model UN.

Skills and Interests

- Tools: Python, R, JS, Ruby on Rails, SQL, Google Cloud Platform.
- Concepts: Full Stack Web Development, Inferential Statistics, Modelling and Simulation.
- Languages: English (native); Malay (write/ speak); Mandarin (speak).
- Interests: Product Development, Complex Systems, and Concept Representation.