Sheng-Hsing Hsiao

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EDUCATION

National Taiwan University   2017 - 2019

- Master of Science, Computer Science (GPA: 3.96 / 4.3)

National Taipei University   2013 - 2017

- Bachelor of Science, Computer Science (GPA: 3.74 / 4.0)

SKILL HIGHLIGHTS

Programming Languages:

- (Proficient) C, C++, Python
- (Familiar) JavaScript, Golang, MATLAB

Tools and Technical Skills:

- Git, Docker, CI/CD, TensorFlow, Keras, HTML, PHP, Web development, SQL, Grafana, DynamoDB, BigQuery

Certificates:

- TOEIC: 960
- Microsoft Certified: Azure Fundamentals
- Microsoft Professional Program Certificate in Artificial Intelligence

PROFESSIONAL EXPERIENCE

OnePlus - Engineer   Sep. 2019 - Present

- Boosted the performance of the parser, 4x faster than the original one. (Golang)
- Developed the web page for demonstrating the quality statistics for engineers to optimize our products. (ReactJS)
- Migrated the data to cloud and improved the efficiency of data pipeline. (SQL, AWS)

Microsoft - Technical Assistant Intern   2018 - 2019

- Provided technical assistance for Premier customers and partners, including data analysis, machine learning and deep learning techniques.
- Identified problems and built efficient POCs or demos to meet various industry partners' and customers' needs.

PROJECTS

Real-time Emotion Detection on browser   Feb. - Aug. 2018

- Developed a real-time emotion detection system on browser via transfer learning with TensorFlow.js and MobileNet.

Course Project: Dazzled-Darling   Jun. 2018

- Established a customized Instagram retrieval system dependent base on user's preference.

E.SUN FHC Customer Behavior Estimation   Sep. 2017 - Jan. 2018

- Applied Machine Learning methods to predict customer behavior for precise marketing.

Undergraduate Project: EASY-GUIDE   2015 - 2016

- Provided a system to inform people the obstacles in front of them on the road.

EXTRACURRICULAR ACTIVITIES

Hua Nan FHC 2nd Fintech Innovation Competition   Dec. 2017

- Won the Gold Award with idea "Using Blockchain to Vertically Integrate Supply Chain".

beBit, Inc. - Intern   Dec. 2017 - Mar. 2018

- Helped HR manager look up top software engineers and AI researchers work in Tokyo beBit.

Hong Kong Polytechnic University Summer Intern   Jun. - Sep. 2017

- Created animation to develop interactive learning materials for engineering students.

PUBLICATION

- Hsiao, Sheng-Hsing, and Jyh-Shing Roger Jang. "Improving ResNet-based Feature Extractor for Face Recognition via Re-ranking and Approximate Nearest Neighbor." 2019 16th IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS). IEEE, 2019.