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)

PROFESSIONAL EXPERIENCE

Master's thesis	**2017 - 2019**

- Improving ResNet-based Feature Extractor for Face Recognition via Re-ranking and Approximate Nearest Neighbor Search

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.

Data Structures and Algorithms -Teaching Assistant	**Feb. - Jun. 2018**

- Solved the student problems on homework and examinations.

PROJECTS

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

- Developed a real-time emotion detection on browser via transfer learning with MobileNet.

Course Project: Dazzled-Darling	**Jun. 2018**

- Established a customized Instagram retrieval system dependent 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.

SKILL HIGHLIGHTS

Programming Languages:

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

Development Tools and Skills:

- TensorFlow, Keras, HTML, PHP, Android development

Certificates:

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