

# Sheng-Hsing Hsiao

Tel: +886-911-840-939 Email: kevinisbest26@gmail.com

LinkedIn: Sheng-Hsing-Hsiao GitHub: kevinisbest

## 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++, Python, Go
- (Familiar) JavaScript, MATLAB, C

### Tools and Technical Skills:

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

### Certificates:

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

## PROFESSIONAL EXPERIENCE

---

### OnePlus - Engineer

Sep. 2019 - Present

- Boosted 4 times faster performance of the parser and modified the parser to generate more information for analysis. (Go)
- Developed the web pages and email notification system for monitoring the quality statistics to corresponding teams to optimize our products. (ReactJS)
- Researched different cloud databases and migrated the data to the cloud for a more efficient 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. (Python, SQL)
- Identified problems and built efficient POCs or demos to meet various industry partners' and customers' needs. (Python)

## 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. (Python, JS)

### **Course Project: Dazzled-Darling**

**Jun. 2018**

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

### **E.SUN FHC Customer Behavior Estimation**

**Sep. 2017 - Jan. 2018**

- Applied Machine Learning methods to predict customer behavior for precision 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 the 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.