

# Szu Yu Wang

+886963227575 | [joey840404@gmail.com](mailto:joey840404@gmail.com) | [www.szuyuwang.com](http://www.szuyuwang.com)

No.243, Nanxing St., Puli Township, Nantou County 545, Taiwan (R.O.C.)

## EDUCATION

---

**National Ciao Tung University (NCTU)** **Hsinchu, Taiwan**

Bachelor of Science in Electrical and Computer Engineering 2018

- Selected Coursework: Probability, Statistics, Linear Algebra, Signal and System, Data Structure, Algorithm, Operating System, Computer Vision

**Tsing Hua University** **Beijing, China**

Exchange Student in Computer Science Department Sep 2017 - Feb 2018

- Selected Coursework: Software Engineering, Computer Graphics, Computer Security

## EXPERIENCE

---

**Big Data Analytics and Social intelligent Computing Lab, NCTU**

Research Assistant Feb 2018 – Present

- Social Network Analysis project: cooperated with E-Sun bank to analyze transfer and transaction data for churn prediction. Designed an algorithm by factorizing user features with social connection matrixes. Now writing the results for a conference paper submission.
- Multimedia processing project: Surveyed research on GAN, neural network architectures and image style transfer. Designed a makeup style transfer model based on Glow model and preprocessed makeup datasets by face landmark detection, parsing, and warping.

*Publication: BeautyGlow: On-Demand Makeup Transfer Framework with Reversible Generative Network  
(paper under review) [paper link](#)*

**Young Entrepreneurs of the Future Program - Epoch Foundation**

Oversea Delegate Feb 2017 - Sep 2017

- Selected out of 175 participants to visit corporations in Silicon Valley and Boston.
- Delivered a business plan for faster and safer motorcycle raincoats.

**Papacode - Programing Education Startup**

Cofounder Feb 2016 – Oct 2016

- Designed a programming education board game for elementary school children.
- Crowdfunded over 40,000 USD in two months, ranking the fourth largest board game campaign in Taiwan.
- Cooperated with three education NPOs to provide lessons for remote elementary schools.

### **Long Fu Hung - ExxonMobil Distributor**

Industrial engine oil Sales Intern

Aug 2016

- Completed trainings including sales techniques and industrial engine oil knowledge.
- Visited over 200 factories and companies to develop new clients.

### **NCTU Humanitarian Architecture Team**

IoT System Developer

Sep 2015 - Feb 2016

- Volunteered to build a smart bamboo green house for local farmers.
- Developed an IoT control system of environmental sensing and humidity control using an embedded system and an android app.

### **Kingston, Taiwan**

R&D intern

Jul 2015 - Aug 2015

- Tested the usability, effectiveness, and durability of 20+ flash products.
- Analyzed head phone circuit boards for new product development.

## **LEADERSHIP**

---

### **Student Congress, NCTU**

ECE Department Student Representative

Jun 2017 – Aug 2018

- Joined university's Food and Beverage Management Committee and Campus Construction Committee to provide services for students and faculties.

### **ECE Student Association, NCTU**

Vice President

Jun 2016 – May 2017

- Led 80 members to organize and host 20+ student activities.
- Supported ECE department office with admission interviews and alumni meetings.

## **HONORS**

---

First Place, TUTK & NCTU ECE hackathon

Apr 2016

First Place, Mediatek & NCTU ECE hackathon

Jul 2016

## **SKILLS**

---

Programming: Python (tensorflow, keras, pandas, opencv), C++, Javascript (Vue.js), Arduino

Language: Mandarin (Native), English (Fluent)

Other: Keynote Pitching, Google Analytics, Facebook marketing, Lean startup, Photography, Filmmaking