# **Albert Kung**

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## Education

## **Cornell University, College of Engineering**

Ithaca, NY

Bachelor of Science in Computer Science, GPA: 3.17/4.00

May 2018

#### **Relevant Courses:**

- Data Structures

- Discrete Structures

- Functional Programming

- Systems Programming

- Operating Systems

- Algorithm Analysis

# Work & Leadership Experience

## **Wabtec Railway Electronics**

Germantown, Maryland

Software Engineering Intern

*June 2016 – August 2016* 

- Developed a braking simulator in C# that sends and receives messages over TCP/IP in order to communicate with an onboard computer
- Wrote a Python script to extract and analyze repository information from the source control server
- Executed performance tests for the train event recorder unit to ensure quality and functionality

#### **Cornell Taiwanese American Society**

Ithaca, NY

Technology Chair

May 2016 – Present

- Attend weekly meetings and work with other members of executive board to plan and organize events in order to promote a better understanding of Taiwanese culture
- Draft weekly emails, edit for content and design, and send via mailing list to club members
- Develop and maintain the club website using HTML, CSS, and Javascript, with a Bootstrap framework

Arrow Ithaca, NY

Android Developer

February 2016 - May 2016

- Collaborated with another Android developer, a designer, and a back-end team to develop a social media Android application centered around music festivals
- Built functional and appealing map/profile/messaging screens and media stream from mockup designs

Cornell IT Ithaca, NY

Consultant

September 2015 - Present

- Understand and troubleshoot various technological issues such as internet connectivity, email and mailing list issues, malware infections, and account administration
- Work with clients both in person and on the phone to help them understand and resolve the problems

### Skills

**Programming Languages:** Java, Python, C#, C, OCaml, Javascript

Software and Tools: Git, Vim, Microsoft Office, Android Studio, Eclipse, Sublime Text

Operating Systems: Windows, Linux, Android

Foreign Languages: Fluent in Mandarin Chinese, Proficient in Spanish

# **Projects, Activities & Interests**

**Projects:** *Do Stuff* - a productivity application for Android to help track and plan social events, work, activities, meetings, and deadlines

**Activities**: Cornell Symphony Orchestra, Cornell Taiwanese American Society Diabolo Team **Interests**: mobile application development, web design, game design, sound production