

## John Yang

<http://john-b-yang.github.io>

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### Permanent Address

560 Montego Terrace

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### **OBJECTIVE**

To obtain an internship in the general field of computer science and specifically, software engineering or product management.

### **EDUCATION**

**University of California, Berkeley** – Berkeley, CA

B.S. Electrical Engineering & Computer Science

May 2020

**Bellarmino College Preparatory** – San Jose, CA

GPA: 3.95 / 4.00

Completed May 2016

### **RELEVANT EXPERIENCE**

#### **Positions**

- **Make School** – iOS Instructor June 2016 – August 2016
  - Taught iOS game development, the Swift programming language, and how to use the XCode IDE.
  - Mentored multiple students in shipping iOS projects to the App Store.
  - Engaged in the development and instruction of Make School curriculums.
- **Computer History Museum** – Community Programs Instructor June 2016 – Present
  - Led classes developed by CHM's education staff for Design\_Code\_Build community programs.
  - Taught programming concepts and usage of various software and hardware components.
- **Wireless Embedded Systems Lab** – Lab Assistant August 2016 – Present
  - Maintained Berkeley's WEB Laboratory and assisted graduate students research projects
  - Studied Operating Systems, Internet Protocols and Sensor Networking.

#### **Projects**

- **AutiBot** (MHacks 6 – VFA Best Hack for Social Impact)
  - <http://devpost.com/software/autibot>
  - Detects children's risk of developing ASD (autism spectrum disorder).
  - Incorporated various technologies such as the Muse Headband, Microsoft Azure, and Parse.
- **RoundAbout** (Make School Summer Academy – Most Outstanding App)
  - <https://itunes.apple.com/us/app/round-about/id1027049535?mt=8>
  - Creates most distance efficient route through multiple user-entered destinations.
  - Studied graph theory and coded an optimization solution to the Traveling Salesman Problem.
- **InspiRadio**
  - <https://github.com/john-b-yang/InspiRadio>
  - Designed a rudimentary search engine that uses user emotions as search queries.
  - Utilized various APIs, primarily the IBM Bluemix API to generate emotion-related results.

### **SKILLS**

- Programming Languages – Swift, Java, Python, Objective-C
- Frameworks – CocoaPods, Carthage, IBM Bluemix
- Web Development – HTML, CSS, Javascript
- Languages – English, Mandarin, Japanese
- Public Speaking – 2<sup>nd</sup> Place in California High School Speech and Debate State Championships

### **TEAMWORK**

- Director of Communications – Bellarmine College Preparatory July 2014 – May 2016
- Interchapter Chair – Team HBV August 2015 – June 2016