

John Yang
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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
Science

B.S. Electrical Engineering & Computer

May 2020

Bellarmino College Preparatory – San Jose, CA
GPA: 3.96 / 4.00
2016

Completed May

RELEVANT EXPERIENCE

Positions

- **Make School** – iOS Instructor June 2016 – Present
 - o Taught iOS game development, the Swift programming language, and how to use the XCode IDE.
 - o Managed and assisted multiple students in shipping iOS projects to the App Store.
 - o Engaged in the development and instruction of Make School curriculums.
- **Computer History Museum** – Community Programs Instructor June 2016 – Present
 - o Led classes developed by CHM's education staff for Design_Code_Build community programs.
 - o Taught programming concepts and usage of various software and hardware components.

Projects

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

SKILLS

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

TEAMWORK

- Director of Communications – Bellarmine College Preparatory
- Interchapter Chair – Team HBV
June 2016

July 2014 – May 2016
August 2015 –