John Yang

Applications Programmer

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EDUCATION

Bellarmine College Preparatory, San Jose, CA

August 2012-May 2016 (expected)

- Cumulative GPA: 3.96/4.00
- SAT: 2340, SAT II Math: 800
- National Merit Semifinalist, National AP Scholar
- Relevant Coursework: AP Computer Science, Adv. Data Structures, Multivariable Calculus

San Jose State University, San Jose, CA

May 2013-August 2013

- Cumulative GPA: 3.91/4.00
- Relevant Coursework: Introduction to Statistics, Introduction to Programming

EXPERIENCE

Make School Summer Academy, Sunnyvale, CA - Student

June 2015-August 2015

8 week long introductory program to iOS app development and app marketing

- Coded and shipped an app called Round-About, a multidestinational routing app that produces the most distance efficient route which visits multiple locations. It is currently on the App Store and has been downloaded in over 15 countries.
- Earned the Make School Outstanding App Award for creating Round-About

UC Davis COSMOS, Davis, CA - Student

June 2014-July 2014

4 week long introductory program to mathematical modeling of biological systems

- Learned undergraduate level bioinformatics from UC Davis professors.
- Explored topics such as disease dynamics, population modeling, and game theory using applied differential calculus and the R Programming Language
- Coded an R based simulation of neural network dynamics. Presented my research and findings at a demonstration day with more than 350 spectators.

AWARDS

Outstanding App Award, Make School Summer Academy

August 2015

Chosen by Make School instructors for creating one of the top twelve apps out of the one hundred fifty applications created during the summer program. As one of the twelve winners, I also pitched my app to a crowd of over two hundred.

Best Social Impact Hack, Best Use of Microsoft Azure, and Best Money Saving Hack, MHacks

September 2015

Coded and designed an iOS application at MHacks, the largest collegiate hackathon in the nation. Created an app that present a consistent and cost-efficient alternative to diagnosing autism in children. Received best of show award as the Top Social Impact App. Also received sponsor awards for best use of Azure machine learning API (Microsoft) and best money saving hack (Concur). The project was the fourth highest trending post on Devpost for two weeks.

TECHNICAL SKILLS

> Java	> Swift	> UI/UX
> HTML/CSS	> Public Speaking	> R

OTHER SKILLS/QUALIFICATIONS

- Languages: Chinese (native), Japanese (elementary proficiency)
- Programs: Sketch, Excel, Google Docs
- Distinguished Volunteer, The Tech Museum of Innovation
- National High School Advisory Board Interchapter Chair, Team HBV
- Qualifications: Nationally Recognized Journalist, Basketball Coach, Speech and Debate