

## **Joshua Young**

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### **EDUCATION**

**University of California, Los Angeles**

**Expected Graduation Date: June 2022**

Bachelor of Science, Computer Science and Engineering

**Saint Ignatius College Prep**

**Graduation Date: June 2018**

**College of San Mateo (Concurrent Enrollment)**

**June 2014 - December 2017**

### **SKILLS**

**Interpersonal:** Problem Solving, Leadership, Teamwork

**Programming Languages:** Java, Python, C++, C#

**Operating Systems and Environments:** Windows 7/8/10, MacOS High Sierra

**Applications:** Unity, Microsoft Office (Word, Excel, PowerPoint, Access, Outlook, Publisher), Onshape, Solidworks, Final Cut Pro

### **PROFESSIONAL EXPERIENCE**

**Engineering Intern, Beast Inc, San Francisco, CA**

**July 2018 - September 2018**

Trained virtual pets to navigate obstacle courses faster using genetic algorithms

**Tutor, Kumon, San Francisco, CA**

**August 2016 - March 2018**

Taught reading skills, writing skills, and vocabulary usage to students from K-12

### **PROJECTS**

**Discord Music/Search Bot**

**July 2018 - September 2018**

Designed a Discord bot to query Youtube searches, download, and play music

Scraped and displayed information from game websites

### **LEADERSHIP EXPERIENCE**

**Robotics - Programming / Design Lead**

**August 2016 - May 2018**

Oversaw design and programming teams. Created a CAD curriculum to teach members.

Programmed teleoperated and autonomous routines.

Established new robotics teams in communities and schools

**Math Club - Vice President**

**March 2017 - May 2018**

Prepared for Math Competitions

Organized citywide, annual math competition for middle school kids

### **VOLUNTEER EXPERIENCE**

**SF Public Library Teen Computer Corp**

**June 2016 - March 2018**

Assist patrons with any computer technologies (Installing applications, emails, online purchases)

Provide English, Spanish, and Mandarin services

**Music for Recreation Program President/Founder**

**January 2017 - April 2018**

Organize and conduct monthly recitals for seniors in the memory care unit at the SF

Cypress Senior Center.

### **HONORS**

**Robotics:** Rookie All-Star Award & Highest Rookie Seed

**March 2016**

**Academic:** Principal Honor Roll & AP Scholar with Distinction

**July 2018**