

## Joshua Young

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### EDUCATION

**University of California, Los Angeles (UCLA)** **Expected Graduation Date: June 2022**

Bachelor of Science, Computer Science and Engineering

GPA: In Progress

**Saint Ignatius College Prep**

**Graduation Date: June 2018**

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

**June 2014 - December 2017**

### SKILLS

**Programming Languages:** Java, Python, C#, C++, HTML/CSS

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

**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

**Spoken Languages:** English, Mandarin, Spanish

### PROFESSIONAL EXPERIENCE

**Engineering Intern, Beast Inc, San Francisco, CA** **July 2018 - September 2018**

Trained virtual pets to navigate obstacle courses faster using genetic algorithms

Designed and implemented script to optimize movement in C#

Collaborated with team members and used Plastic SCM for version control

**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 in Python

Scraped and displayed information from game websites

### LEADERSHIP EXPERIENCE

**Robotics - Programming / Design Lead**

**August 2016 - May 2018**

Managed programming and design teams

Programmed teleoperated and autonomous routines

Established new robotics teams in communities and schools

**Math Club - Vice President**

**March 2017 - May 2018**

Organized citywide, annual math competition for middle school kids

**Music for Recreation Program President/Founder**

**January 2017 - April 2018**

Organized and conducted monthly recitals for seniors at the SF Cypress Senior Center

### VOLUNTEER EXPERIENCE

**SF Public Library Teen Computer Corp**

**June 2016 - March 2018**

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

Provided English, Spanish, and Mandarin services

### HONORS

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

**March 2016**

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

**July 2018**