

## Joshua Young

(415) 823-9220 | Los Angeles, CA | [joshuayoung22@ucla.edu](mailto:joshuayoung22@ucla.edu) | [linkedin.com/in/joshua-young22](https://www.linkedin.com/in/joshua-young22)

### 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

**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

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

**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

#### **Personal Website**

Designed personal website in HTML/CSS ([joshua-y.github.io](https://joshua-y.github.io))

### 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 tech (Installing applications, emails, online purchases)

### HONORS

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

**March 2016**

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

**July 2018**