

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

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, Android Studio

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)

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