

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

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

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

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

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