Joshua Young

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330 De Neve Drive | Los Angeles, CA 90024

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: C++, Python, C#, Java, HTML/CSS, SQL
Operating Systems and Environments: Windows 7/8/10, MacOS High Sierra, Kali Linux
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

Gravity Fall   **November 2018**
    Built a platforming game in Unity with scripts in C#
Discord Music/Search Bot   **July 2018 - September 2018**
    Created 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
    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

HONORS

Programming: Hack on the Hill V Best Game   **November 2018**
Robotics: Rookie All-Star Award & Highest Rookie Seed   **March 2016**
Academic: Principal Honor Roll & AP Scholar with Distinction   **July 2018**