

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

Sincerely, AI **January 2019**
Used machine learning to identify insincere text
Implemented Django back-end to interface with machine learning model using Python
Created Chrome extension and Twilio app front-end using HTML/CSS and JS
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

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**