

## Joshua Young

(415) 823-9220 | [joshua.y2506@gmail.com](mailto:joshua.y2506@gmail.com) | [linkedin.com/in/joshua-young22](https://www.linkedin.com/in/joshua-young22) | <https://github.com/joshua-y>  
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

GPA: 3.8

**College of San Mateo (High School Concurrent Enrollment)**

**June 2014 - December 2017**

### SKILLS

**Programming Languages:** Python, C, C++, C#, SQL, XAML, Java, HTML/CSS, Bash

**Operating Systems and Environments:** Windows 7/8/10, Linux, MacOS High Sierra

**Development Tools:** AWS, Xcode, Git, Visual Studio

### PROFESSIONAL EXPERIENCE

**Software Development Intern, Amazon, Palo Alto, CA**

**June 2020 - September 2020**

- Designed testing framework for simulating customer sessions to improve search relevancy
- Implemented functions to analyze machine learning model performance in Python
- Leveraged AWS Athena, Lambda, and S3 to query log files for test cases in SQL
- Created visualization tool to compare different model input types using Tensorflow Projector

**Software Engineering Intern, Brooks Automation, Fremont, CA**

**June 2019 - September 2019**

- Developed user interface in C# using Windows Presentation Foundation and MVVM architecture
- Wrote Swagger API methods for Apache web server hosted on Raspberry Pis in Python
- Handled HTTP requests to store and retrieve information from databases in SQL
- Integrated log collector to aggregate data from all microcontrollers in network

**Engineering Intern, Beast Inc, San Francisco, CA**

**July 2018 - September 2018**

- Trained virtual pets to navigate obstacle courses faster using machine learning
- Designed and implemented script to optimize movement in C#

### PROJECTS

**Up2Date**

**February 2019**

- Built Chrome extension to send user queries in HTML/CSS and JavaScript
- Set up Django back-end server to store queries on Firebase database in Python
- Utilized Bing News Search API to alert user to relevant news based on query

**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 JavaScript

**Gravity Fall**

**November 2018**

- Built a platforming game in Unity with scripts in C#

### LEADERSHIP EXPERIENCE

**Robotics - Programming / Design Lead**

**August 2016 - May 2018**

- Managed programming and design teams
- Established new robotics teams in communities and schools

### AWARDS

**Hack on the Hill V Best Game** - Hackathon

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

**National Merit Scholarship Recipient** - Academic

**American Fine Arts Festival Winner (Performed at Carnegie Hall)** - Piano