ANDREW HUANG

+1 (650)-656-5979
andohuang.dev@gmail.com
github.com/ando-huang
linkedin.com/in/ando-huang

TECHNICAL SKILLS

TOOLS

Git, Firebase, MongoDB, Trello, Confluence, Jira, Kanban, Slack, Xcode, Google Colab, Jupyter Notebooks, AWS, CS50, PyCharm, MS Visual Studio Code, Vim, IDLE, Atom

APIs

MPI, OpenMP, CUDA, Pthreads

LIBRARIES

Tensorflow, OpenCV, PyTorch, Numpy, Pandas

LANGUAGES

Java, Python, C, C++, Rust, Swift, SQL, x86_64 ASM, HTML5, JavaScript, CSS

RELEVANT COURSES

Theory of Computation

Operating Systems

Parallel Computing

Collaborating Remotely

Basic Algorithms

Ordinary Differential Equations

Computer Systems Organizations

Data Structures

Discrete Mathematics

EDUCATION

Bachelor of Arts in Computer Science
New York University College of Arts and Sciences - 9/2018 - 12/2021

WORK EXPERIENCE

Software Engineering Intern
Brooklyness (New York, NY) - 9/2020 - Present

- Develop Deep Learning model using OpenCV and Tensorflow to determine traffic rule obedience and provide users with scores.

- Develop software using Python to alert riders of nearby traffic and promote safety.

Data Analytics Intern
Russell Reynolds Associates (New York, NY) - 3/2020 - 8/2020

- Developed software using C++ to align data with information on a public market database to provide consultants with up to date data on clients.

- Used Java to create more search specifications to improve search accuracy by 125% and simplify for spelling errors.

PROJECTS

Reliability Extension (YHackV2020)
- Conceptualized the project to combat misinformation online.

- Designed and developed a Chrome extension using HTML/CSS to design popup and JS to access activeTab and URL to match against existing news source ratings.

Video Processor (Personal, Fall 2020)
- Built software with Python and OpenCV to break down .mp4 files into .jpeg files to provide more flexible data for Machine Learning.

OSO-Poker (Showcase project for OSOHQ's Polar language)
- Designed UI/UX using HTML, CSS, and React for a poker game built with Python and Polar to demonstrate the capabilities of the Polar language.

Zoomegle (Personal, Spring 2020)
- Designed and developed a website using HTML, CSS, and JS to host links to Zoom Lecture recordings from Columbia and NYU so students can audit online courses without bothering professors. Temporarily deployed on Heroku for Spring 2020.

EXTRACURRICULARS

Tech Treks Director at Tech@NYU

- Bring in speakers and teach the basics of careers in tech to students interested in entering the field. Guide students in project groups to build personal websites using Git, HTML, CSS, and JS.