

Eric Yang

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Experience

Amazon

Software Development Engineer Intern

[Los Angeles, CA](#)

Summer 2022

Savioke

Software Engineer Intern — Python

[Campbell, CA](#)

Jun. 2021 – Sept. 2021

- Trained machine learning tools for robots to respond to customers
- Launched a program that handles text messages to and from the robot using Twilio API
- Created internal Slack app that allows operations team to manage robot fleet
- Integrated keyword activation for the robot in an Alexa-like style

Arnold Computational Diagnostics Lab

Research Assistant — Python, FSL

[Los Angeles, CA](#)

Feb. 2021 –

- Preprocessing 120+ CT scans using dcm2niix
- Analyzing time since stroke onset time (TSS) using deep learning models
- Adapting existing successful model from MRI to CT

Knovigo

iOS Developer — Swift

[Los Angeles, CA](#)

Jan. 2021 – Jun. 2021

- Illustrated COVID-19 density and vaccination rates using heatmap on 300+ areas in LA County
- Connected universal front-end interface to back-end endpoints
- Prepared app to help general population identify safe areas based on COVID-19 regulations

HealthLevel Inc.

Software Engineer Intern — C#

[Mountain View, CA](#)

Jun. 2019 – Mar. 2020

- Developed server system usage warnings that trigger based on CPU and memory usage
- Introduced CCDA JSON import and export feature for VA Northwest network
- Utilized Jira and Github to finish tickets in sprints

Education

University of California, Los Angeles

B.S. Computer Science, Major GPA: 3.97

[Los Angeles, CA](#)

Expected: June 2023

Courses Machine Learning, Data Structures, Algorithms, Operating Systems

Projects

Patch-based training of MRI scans for Alzheimer's disease assessment

ericjyang.com/#mri

- Researched machine learning algorithms under guidance of Professor Kolachalama and Professor Chin

UDrama

- Implemented website that recommends you a Korean drama to watch based off your ratings of previously watched dramas
- Built using React.js (hooks and linking), HTML, CSS, and Google Sheets API.

Skills

Languages Python, C/C++, Java, JavaScript, HTML, CSS

Frameworks + Tools Git, React, MongoDB, Django, Node, Docker, FSL