

Aaron Philip

(650) 930-7251 | aaronpphilip@ucla.edu | [linkedin.com/in/aaron-philip](https://www.linkedin.com/in/aaron-philip) | github.com/Aaronphilip2

Education

University of California, Los Angeles (UCLA)

Bachelor of Science in Computer Science and Engineering

June 2021

GPA: 3.8

The King's Academy (TKA)

High School Diploma

May 2017

GPA: 4.0

- Honors: Salutatorian, National Honor Society, National Merit Commended; ACT: 35

Work Experience

Medlever, Inc.

Software Development Intern

May 2017 - September 2017

- Developed features that allow doctors to create and populate forms
- Converted the built-in event listening and subscription functionality in AngularJS to the third-party PostalJS
- Converted the built-in Router in AngularJS to the third-party NavigationRouter
- Modified the batch files used to build TypeScript, so that strong typing is implicitly checked on compilation unless a file is explicitly excluded from strong typing

Projects

Image Segmentation on Faces

December 2017 - January 2018

- Built a Fully Convolutional Network for segmenting faces using Python and Keras-Tensorflow
- After 10 hrs of training, reached 94% accuracy
- Currently building a website with React and Python Flask to allow others to use this model to segment their own pictures

Unmanned Aerial Systems (AIAA-UAS)

September 2017 - June 2018

Software Developer, Vision Team

- Building an autonomous drone to compete in AUVSI SUAS
- Working with Python, Tensorflow, and OpenCV
- Creating Convolutional Neural Networks to identify shapes and letters from images taken by a drone

High School Alumni Registry App

June 2017 - April 2018

Manager, Software Developer

- Led a team of 5 students in developing an application designed to connect alumni from our high school
- Used Angular 2 and Node.js to build a web application that can be ported to a mobile application using NativeScript

Leadership

Association for Computing Machinery, Artificial Intelligence

January 2018 - June 2018

Intern

- Helping to teach machine learning at weekly workshops attended by around 50 students
- Organizing various events like Kaggle competitions and machine learning projects

National Honor Society

September 2016 - May 2017

Member, Officer, Events Coordinator

- Organized over 30 volunteer events for around 80 students throughout the year

Technical Skills

C++ • Python • Tensorflow • Keras • OpenCV • Java • JavaScript • React • Node.js • AngularJS • Angular 2 • CSS/HTML • Sass