



Web Development

ReactJs NodeJs
Django Flask
Sass PHP
HTML CSS

Resourceful full-stack developer with experience designing websites and mobile applications. Background in deep learning and parallel computing. Entry level graphic designer and music producer.



Mobile Apps

React Native
Android Studio



Thomas Jefferson HS for Science and Technology Class of 2018

Artificial Intelligence | Python Computer Vision | C++
Mobile Development | Android Web Development | HTML
AP Computer Science | Java Parallel Computing | C
Multivariable Calculus AP Micro/Macroeconomics



Desktop Apps

NWJS



Valador Inc. Developer

August 2016

Designed a WordPress site and used PHP to fetch and save images
Implemented a search algorithm in an iOS app with Swift
Created simulated user interfaces with MySQL databases



Programming

Python C++
Java C
Fluent with terminal



HackTJ Organizer/Webmaster

2017-Present

Updated website written in Pug and Sass with Gulp
Added new webpages displaying history and nearby hackathons
Contacted new sponsors and assisted with registration



Graphic Design

Affinity Designer
Adobe Experience Design
Logoist 2
Mockup Design
Logo Design



TJ CubeSat Programmer/Graphic Designer

2017-Present

Built software using C to communicate with a satellite
Used MATLAB to create an algorithm to calculate satellite data
Designed mission patch and created visuals for the satellite system



Music Production

Logic Pro X
VirtualDJ 8
Mixing and Mastering
Electronic Music



Assistive Tech Webmaster

2016-Present

Built website using Bootstrap to teach the elderly about technology
Created webpages with simple animations to teach cause and effect



Languages

English | Native
Chinese | Native | AP



Coresearch Developer

2017-Present

Database search engine designed for students and professionals
Built on Django server and PostgreSQL database
Finds keywords in articles using natural language processing



Haven Developer

2016-Present

Project management desktop app for hobbyists
Constructed using NWJS for Mac and Windows



Debrief Developer

2017-Present

Mobile news source that provides an overview of each day
Web crawler to locate articles with trending topics
Constructed using React Native for iOS and Android