Andrew Wang

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Web Development

ReactJs NodeJs
Django Flask
Sass PHP
HTML CSS

Mobile Apps

React Native Android Studio

Desktop Apps

NWJS

Programming

Python C++
Java C
Fluent with terminal

Graphic Design

Affinity Designer Adobe Experience Design Logoist 2 Mockup Design Logo Design

Music Production

Logic Pro X VirtualDJ 8 Mixing and Mastering Electronic Music

Languages

English | Native Chinese | Native | AP Resourceful full-stack developer with experience designing websites and mobile applications. Strong background in machine learning and parallel computing. Entry level graphic designer and music producer.

Thomas Jefferson HS for Science and Technology Class of 2018

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

Valador Inc. Developer

August 2016

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

... HackTJ Organizer/Webmaster

2017-Present

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

... TJ CubeSat Programmer/Graphic Designer

2017-Present

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

... Assistive Tech Webmaster

2016-Present

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

Coresearch Founder

2017-Present

Database search engine designed for students and professionals Built on <u>Django</u> server and <u>PostgreSQL</u> database Finds keywords in articles using <u>natural language processing</u> https://holmes.wzhang.me/search

</> Haven Developer

2016-Present

Project management desktop app for hobbyists Constructed using <u>NWJS</u> 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 <u>React Native</u> for iOS and Android