Sher Minn Chong Front-end Web Developer

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Education

University of Wisconsin – Madison

Bachelor of Science 2013, Computer Sciences & Philosophy

GPA 3.9/4.0

Dean's List, 5 semesters

Skills

Javascript, ES6
Python
HTML5
CSS3/Sass
Image Processing
OpenCV
AngularJS
Teaching

Experience

Recurse Center, Participant   Aug 2015 – Nov 2015

Dedicated 3 months at a self-directed educational retreat learning to be a better programmer by learning various new technologies and programming concepts.

Pair programmed and worked on various projects spanning image processing, peer-to-peer communication with WebRTC, and data visualization on maps.

Code Equality, Co-founder   Jan 2014 – Aug 2015

Started a non-profit to provide opportunites for Malaysian students to learn coding.

Organized, marketed and taught at monthly coding and tech interest events and classes. Started Rails Girls in Malaysia, an international series of female-friendly coding workshops.

Web Developer, Soft Space   Jul 2014 – May 2015

Designed and implemented payment-related webapp prototypes, including pre-order and rewards apps, dashboards and ticketing solutions.

Built, maintained and deployed company websites.

Freelance Web Developer, Jobstreet.com, Wobb.my   2013 – 2015

Freelanced at various companies working on core apps. Worked closely with development teams to design and build responsive, front-end web applications on AngularJS.

Selected Projects

NYC Subway Traffic Visualizer ↗

The MTA of New York City releases the number of exits and entries at every subway station in the city. I scraped it, cleaned it and visualized it all on a map.

ES6 Javascript, Leaflet, SASS, SQLite, Python

Video Chat app with WebRTC ↗

Built a video chat webapp on the browser level WebRTC (peer-to-peer) API and a simple signalling server to help users achieve initial connection.

Javascript, WebRTC, Node.js

Set (Card Game) Solver ↗

Used OpenCV to detect cards in an image and properties of said cards. Self-taught image processing concepts.

Python, OpenCV

Cafehop.my — Mapping cafes ↗

Designed and built a fully responsive HTML5 web app mapping independent cafes around cities in Malaysia, the first of it's kind in the country.

Javascript, AngularJS, SASS