Sher Minn Chong

Front-end Web Developer | sherminn.chong@gmail.com | github.com/piratefsh

Experience

Recurse Center, Participant   Fall 2015

Pair programmed and worked on ES6 JavaScript and Python projects.

Major projects involved image processing with OpenCV, peer-to-peer communication using WebRTC, and MTA subway traffic data visualization on Leaflet maps.

Soft Space Web Developer   2014 – 2015

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

Built, maintained and deployed responsive HTML5 company websites.

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

Worked closely with development teams to design and build responsive front-end web applications on AngularJS and Sass.

Code Equality, Organizer   2014 – 2015

Started a non-profit to provide opportunites for young Malaysians to learn programming.

Organized and taught at monthly programming events. Started the Rails Girls series in Malaysia, an international effort to develop female-friendly programming workshops.

Selected Projects

NYC Subway Traffic Visualizer 🔗

Acquired, scraped and cleaned New York City subway data sets and visualized entrance and exit traffic data on an interactive map.

ES6 JavaScript, Leaflet, Sass, SQLite, Python

Video Chat app with WebRTC 🔗

Built and paired programmed on a peer-to-peer video chat webapp on the bare WebRTC API and a signalling server to achieve initial peer connection.

JavaScript, WebRTC, Node.js

Set (Card Game) Solver 🔗

Built a Set card game solver using OpenCV to detect card properties, experimenting with 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.

JavaScript, AngularJS, Sass

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