Sher Minn Chong

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

Experience

Front-end Web Engineer, Viki

2016 - present

Develop user-facing features for the Viki web application using ES2016 JavaScript and React.

Major projects worked on are user watch histories, responsive user profiles, redesigned community pages and refactoring legacy components with React.

Programmer, Recurse Center

Fall 2015

Pair programmed and worked on JavaScript and Python projects at a self-directed educational retreat.

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

Web Developer, Soft Space

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.

Freelance Web Developer, Jobstreet.com and Wobb.my

2013 - 2015

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

Organizer, Code Equality

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

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