Emily Huanying Yu

Front End Web Developer

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Summary

- US Permanent Resident seeking a challenging front end web developer position(MEAN STACK, Angular 4/5)
- Junior Web developer able to build a Web presence from the ground up -- from concept, navigation, layout and programming to UX
- Fast learner, hard worker and team player

Technical Skills

Languages: JavaScript ES5/ES6, HTML 5, CSS 3, Python, Node.js, swift4, SASS, LESS
Framework: Angular4, Express, Django, Flask
Libraries: JQuery, Socket.io, Bootstrap
Databases: MongoDB, MySQL, SQLite, CoreData
Development Tools: AWS , Terminal, VS code, Xcode, Vim, Git/Github
Methodology: Responsive Web Design, OOP, MVC, RESTful Architecture, CRUD Operations
Web Tech: HTTP, HTTPS, AJAX, API

Projects

Group Buying   Video link

Group-buying features different cell phone plans created by user or admin, with the group completed when a set number of people agree to join the plan.

- Implemented Single Page Application by Angular 5.
- Allowed users to create and join plans.
- Displayed user data and plan data in user and admin page.
- Displayed contents in different devices responsively (CSS grid system).

Tech Used: Angular 5, MongoDB, Express, Node.JS, Bootstrap, jQuery, HTML 5, CSS 3

Great Pond Yacht Club Learn-to-Sail Program   Video link

Captains are offering the sailing instruction on the day and time listed on the events calendar. Students can put a request for a captain on the calendar.

- Implemented Single Page Application by Angular 5.
- Integrated FullCalendar to display all sailing events that created by captains or students
- Displayed contents in different devices responsively (CSS grid system).
- Allowed users to create and join events (MongoDB Many-to-Many relationship).

Tech Used: Angular 5, MongoDB, Express, Node.JS, Bootstrap, jQuery, HTML 5, CSS 3, FullCalendar, Amazing-time-picker, Moment.js

Nonprofit Project: Learn Up Teaching Platform   Video link

Web app designed for a nonprofit organization in order to teach dyslexic children how to read using phonics.

- Featured movable titles with web sockets for live instruction
- Used socket.io to display online, offline or not paying attention indication to teachers and students automatically
- Implemented users with admin or user account systems

Tech Used: socket.io, Node.js, MongoDB, Express, jQuery, javascript, Bootstrap, HTML 5, CSS 3

Experience

Web Developer Volunteer, *(San Jose, CA), Mar 2018 – Jun 2018*

- Volunteered for this non-profit organization, received part of the code from previous team and continue to work in an agile/scrum environment with 2 week sprint.
- Proposed and implemented features for web app designed to teach children with dyslexia how to read using a phonics board with live demo via socket.io.
- Debugged pre-existing code in ejs templating language, Express, and JavaScript with Node.js server while collaborating with production team, and write reusable and clear code for next team comes on board

Freelance Web Developer, *(San Jose, CA), Dec 2016 – Sep 2017*
- Built a responsive website using Bootstrap and advanced CSS coupled with Angular framework.
- Collaborated with clients and production team, took feedback and improved design and feature sets of the site.

Social Worker, Bo Rui Social Service Center, *(Zhongshan, China), Oct 2012 – Apr 2014*
- Created a community support group for the underserved elderly in Zhongshan city to provide better access to community resources
- Organized volunteer groups to connect the local youth to the elderly participants in the community lacking family support to provide extra care and support
- Improved the participants' program satisfaction rating as well as the performance rating from the local government

Education

Coding Dojo, San Jose, CA | Full Stack Web Developer Intensive Program   Nov 2017 - Mar 2018

Foothill-De Anza College, Los Altos Hills, CA   Sep 2014 - Dec 2016

Bachelor of International Economics and Trade | GuangDong Ocean University | Guangdong, China   Sep 2008 – July 2012