Michael Chen
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Profile

Web developer and materials science engineer. Technical skills include the following:

- JavaScript
- Knex.js
- Angular.js
- React.js

- Node.js
- Express.js
- PostGIS
- Java Spring

- JQuery
- Git
- PostgreSQL

Education

Certificate, Web Development | Galvanize | Seattle, WA   *2016*

BS, Materials Science and Engineering | University of Washington | Seattle, WA   *2011 - 2015*
     Minor: Mathematics
     GPA: 3.50

Experience

Freelance | Elan Vital Solutions Seattle, WA   *2016*
   - Develop and lead the design in a team of two of a web portal for a non-profit organization in their early stages to offer housing for the homeless; utilize JavaScript, React, WebPack, and Appveyor.

Front-End Web Developer | EliteToPro Everett, WA   *2016*
   - Develop and lead the design of a web-recruiting platform dedicated to professional gaming and amateur teams; utilized HTML5, CSS3, and JavaScript.

QA Tester | VMC Redmon, WA   *2016*
   - Tested and certified softwares set to release from Microsoft, which resulted in higher-quality products and a reduced number of bugs upon release.

IT Assistant | Standard Bag Multiwall Manufacturing Company | Beaverton, OR   *2015 - 2016*
   - Developed an application using Visual Basic Application (VBA) and Macros for a work order request form, which automates request forms and also tracks progress.

Student Engineer | The Boeing Company | Seattle, WA   *2014-2015*
   - Managed various projects relating to materials processing, testing, and qualifying for the 787 program.

Projects

Dream Home | dreamhomesbyrebeccayu.herokuapp.com   *2016*
   - Developed a real-estate site for agent Rebecca Yu that enables her current and future customers to easily discover listings, favorite properties of interest, and contact the agent; utilized HTML5, CSS3, Skeleton.css, JavaScript, React, MobX, Ajax, Express, Knex, PostgreSQL, PostGIS, along with Google Maps API.

Food-App Tracker | food-tracker-app.herokuapp.com   *2016*
  - Developed a responsive site that allows the user to search, track, and analyze nutritional information of the meals they have eaten throughout the day; utilized HTML5, CSS3, Skeleton.css, JavaScript, React, Ajax, Express, Knex, PostgreSQL, along with Nutritionix API.

Data-Guru | data-guru.herokuapp.com   *2016*
  - Developed an interactive site that allow users to filter through public data for the purpose of their project ideas; utilized HTML5, CSS3, JavaScript, Ajax, jQuery, Materialize, Express, Knex, PostgreSQL, along with Socrata's API.

Twitch and Wine | mikeechen-winetwitch.surge.sh   *2016*
  - Created an interactive site for the users to pair wine with the game they are currently streaming or watching; utilized HTML5, CSS3, JavaScript, Ajax, jQuery, and Materialize along with Twitch and Wine.com's API.

Additional

-Husky Tennis Club vice-president and president from 2013-2015
-Other interests includes: photography, graphic/visual design, internet of things, and sports.