

**Profile**

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

- JavaScript
- Node.js
- JQuery
- Knex.js
- Express.js
- Git
- Angular.js
- PostGIS
- PostgreSQL
- React.js
- Java Spring

**Education**

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*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**

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*Junior Web Developer | Design First Apps | Redmond, WA* *April 2017 - Present*  

- Develop and lead the implementation of the front end of an interactive project management tool; utilized React, MomentJS, HTML5, CSS3, and Sketch.

*Freelance | Elan Vital Solutions | Seattle, WA* *Jan 2017*  

- 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* *Apr 2016 - Aug 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 | Redmond, WA* *Feb 2016 - May 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* *Nov 2015 - Feb 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* *Jun 2014 - Sep 2015*  

- Managed various projects relating to materials processing, testing, and qualifying for the 787 program.

## Projects

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*Dream Home* | [dreamhomesbyrebeccayu.herokuapp.com](http://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](http://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](http://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* | [mikeeichen-winetwitch.surge.sh](http://mikeeichen-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

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-Husky Tennis Club vice-president and president from 2013-2015

-Other interests includes: photography, graphic/visual design, internet of things, and sports.