

Objective: Obtain a position as Full-Stack Web Developer by utilizing my strong JavaScript/jQuery/Front-End framework skills, my passion for user experience and my immediate back-end skills to make a positive team contribution.

Technical Competencies

- **Skills:** JavaScript, HTML5, CSS/Sass, AngularJS, jQuery, Node.js, Express, MongoDB, AJAX, Bootstrap, Handlebars.js, SQL
- **Tools/Testing:** Git, Gulp.js, Heroku, Webpack, Unix, Adobe Photoshop, ArcGIS, Drupal; Mocha, Chai, Jasmine, Karma
- **Concepts:** REST APIs, Object-Oriented Programming, MVC, Responsive Design, Data Analysis, Statistics

Projects Experience

(Project Portfolio: <https://yueyueqin.herokuapp.com>)

Developed **8 customer-oriented and mobile-friendly** web apps with **JavaScript, jQuery, AngularJS, twitter Bootstrap** and **Sass**:

- Utilized proficient skill in event handling of jQuery/JavaScript to develop filter in [Help Your CF](#) project
- Helped team solve challenging problems in the [SoloAlong](#) project using a combination of jQuery and AJAX
- Implemented AngularJS as client-side framework to maximum functionality of web application
- Created search function in [WBDB](#) project using AngularJS filter and controller to provide better user experience
- Applied AJAX to send data to and retrieve from a server without interfering with the display of current page
- Researched industry trends and websites to provide top quality front-end design
- Designed and developed entire user interface for the projects of Help Your CF and my personal website et al.
- Developed script with Handlebar.js to create template to display same format content efficiently
- Created carousel images slideshow to allow users to pick the chords easily in SoloAlong project
- Implemented cutting-edge technique Sass to make CSS coding flexible and extensible

Applied **Node.js, Express** and **MongoDB** to create **RESTful web services** and conducted test for **5 web apps**:

- Designed and developed RESTful API to manipulate dynamic datasets using MongoDB, Node.js, Express and AJAX calls
- Created user login form to allow users to create their own dashboards by using User Authentication to ensure security
- Implemented Mocha and Chai for back-end test; Jasmine and Karma for front-end test

Utilized **Git** as version control to collaborate with other developers in a team

Experience

- Webmaster** North America China Council Seattle, WA Jul 2015 – present
- Developed multi-lingual website for [Global China Town Summit](#) in Seattle with Drupal 7
 - Made site as marketing resource and designed hierarchical visual layout and friendly interface to meet customers' needs
- Front-end Intern** Imaginative Design Seattle, WA May – Aug 2015
- Created site to focus on customers' needs; helped Toastmaster Club to recruit 50% additional new members over 6 months
 - Communicated with clients effectively and made adjustments based on clients' feedbacks
 - Developed two projects with HTML, CSS and Bootstrap for [Toastmaster Club](#) and [Imaginative Design](#)
- Graduate Research/Teaching Assistant** Imaginative Design Seattle, WA Sep 2013 – Apr 2015
- Analyzed large amount of climate data for climate change research with statistics; Batch-processed data in Matlab and R
 - Teaching Assistant for statistics and hydraulic lab classes to help students in and out of classroom

Education

- Code Fellows** Seattle, WA Dec 2015 – Mar 2016
- Certificate in Advanced Software Development in Full-Stack JavaScript Graduated with top scores (100%)
- Coursework of Intermediate Software Development Graduated with top scores (99%)
- Portland State University** Portland, OR Sep 2013 – Apr 2015
- Master's Degree in Civil & Environmental Engineering GPA: 3.83
- North China Electric Power University** Beijing, China Sep 2007 – Apr 2014
- Master's and Bachelor's Degrees in Hydrology and Water Resource Engineering Graduated with Honors