

I love writing accessible, clean and efficient codes to solve challenging problems and provide better user experience. I am passionate about working with clients from different backgrounds and building products to meet their needs.

Technical Competencies

- **Skills:** JavaScript, HTML5, CSS/Sass, jQuery, Handlebars.js, AJAX, Bootstrap, AngularJS, Node.js, Express, MongoDB
- **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

Education

- **Code Fellows** Seattle, WA
Certificate in Advanced Software Development in Full-Stack JavaScript Graduated with top scores (100%) Mar 2016
Coursework of Intermediate Software Development Graduated with top scores (99%) Dec 2015
- **Portland State University** Portland, OR
Master's Degree in Civil & Environmental Engineering GPA: 3.83 Jun 2015
- **North China Electric Power University** Beijing, China
Master's and Bachelor's Degrees in Hydrology and Water Resource Engineering Graduated with Class Rank 3 Jun 2014

Most Recent Projects

(More Projects Has Been Listed In My Personal Website)

- WBDB:** <https://wbdb.herokuapp.com/#/>; <https://github.com/WhiteBoardCodeChannel/wbdb> Mar 2016
- Mobile-friendly web app that helps people prepare technical interviews
 - Applied JavaScript along with AngularJS (filter, controller and service et al.) to leverage user experience
 - Implemented Node.js, MongoDB and Express to build back-end server and REST APIs
- SoloAlong:** <https://soloalong.herokuapp.com/>; <https://github.com/SoloAlong/SoloAlong> Feb 2016
- Mobile-friendly web app for music lovers to create their own chord progressions
 - Helped team to solve 2 most challenging problems using JavaScript, jQuery, AJAX and Bootstrap
- Help your Code Fellows:** <https://help-your-cf.herokuapp.com/>; <https://github.com/AaronFilson/help-your-cf> Dec 2015
- Mobile-friendly web app to provide information for future students about Code Fellows
 - Built site as mobile-friendly with Bootstrap and applied MVC structure to build application with JavaScript and jQuery

Experience

- Founder of Seattle Drupal Group** Meetup.com Seattle, WA Present
- Established the first Seattle Drupal Group in Meetup.com and recruited 82 members
 - Led weekly meetings to empower other Drupal learners and built leadership skill
- Webmaster** North America China Council Seattle, WA Feb 2016
- Developed multi-lingual website for a summit in Seattle – <http://convention.amchina.org/> with Drupal 7 as marketing tool
 - Built site as marketing resource and met customers' needs through hierarchical visual layout and friendly interface
- Front-End Intern** Imaginative Design Seattle, WA Aug 2015
- Built two projects with HTML and CSS: <http://www.toastofthetowntoastmasters.org/>; <http://www.imaginativedesign.co/>
 - Built Toast of the Town site to focus customers' needs and helped club to recruit 50% additional new members in 6 months
- Graduate Research/Teaching Assistants** Portland State University Portland, OR Jun 2015
- Analyzed large amount of climate data for climate change research with statistics; Batch-processed data in Matlab and R
 - Teaching Assistant: Statistical class and helped student in and out of classes for different statistical problems; Hydraulic