

# Pei Guo

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## SUMMARY

- A self-motivated web development enthusiast with front-end experience in developing websites and web applications.
- Proficient in web development using JavaScript, HTML/HTML5, and CSS/CSS3.
- Libraries and frameworks: jQuery, AngularJS, Meteor.js, Chart.js.
- Web technologies and database: AJAX, RESTful Service, SQL, MongoDB.
- Version control and testing tools: GitHub, QTP/UFT, JMeter.
- Familiar with JavaScript development design pattern such as OOP
- Familiar with full software development life cycle (SDLC) starting from collecting business specifications, user requirements, developing application, testing and documenting the entire software development life cycle.
- Strong communication, technical writing, organizing, problem-solving and debugging skills, with ability to work independently and with cross-functional teams. Exceptional attention to details and outcome-oriented.

## EXPERIENCE

### Web Programmer

Jul 2015 - Sep 2015, Philadelphia, PA

World Championships Organizing Committee, Inc.

Link: <http://real-estate.beautyman.com/>

- ✦ Responsible for designing and developing company's website.
- ✦ Redesigned website layout and style for better user experience for beautyman.com, used HTML5 and CSS3
- ✦ Developed CSS styles to maintain the uniformity of all the screens throughout the application.
- ✦ Implemented Real-Estate property slideshow using jQuery.

### Front-End Developer

Jul 2014 - Sep 2014, Philadelphia, PA

Personal Client

Link: <http://www.pages.drexel.edu/~pg424/final/finalindex.html>

- ✦ Designed and implemented a personal hobby website for a client with HTML and CSS.
- ✦ Implemented slide show feature using Javascript.
- ✦ Integrated Follow-me on Twitter functionality with Twitter Javascript API.
- ✦ Embedded a YouTube video on client's website using YouTube API and iFrame.
- ✦ Built a FAQ with Google Forms API

## PROJECT

### Weather Forecast Application

Feb 2015, HackathonPhillyCodefest, Philadelphia, PA

- ✦ Developed a single-page application on Node Server utilizing AngularJS and Bootstrap framework.
- ✦ Implemented the data accessing through AJAX calls in JSON format using Open Weather Map RESTful API.
- ✦ Utilized Chart.js line chart to visualize 7days forecasts JSON data.
- ✦ Used Git for source version control

### Microblogger Application

Sep 2014 - Oct 2014, Drexel University, Philadelphia, PA

- ✦ Developed a single-page application on MEAN stack, built front-end and back-end with MeteorJS and MongoDB.
- ✦ Implemented CRUD operation for posts with Meteor.js framework.
- ✦ Utilized Meteor.js modules to create user management service.
- ✦ Designed and implemented database schema to archive dataset in MongoDB.

## EDUCATION

### Master of Science in Information Systems

2013 - 2015, Drexel University, Philadelphia, PA

Academic Achievement Award: Dean's Fellowship

### Bachelor of Arts in Economics

2011 - 2013, University of Minnesota - Twin Cities, Minneapolis, MN

Academic Achievement Award: Dean's List