

Way Spurr-Chen
Front End Developer
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I've been making things on the web since I had a dial-up connection. Fiercely autodidactic, I'm a self-taught web developer with a love of great UX, performant, fast, and beautiful web applications. I want to solve big problems with deep impact.

EXPERIENCE

Lead Instructor **May 2014 - Current** **MakerSquare**

Managed, coordinated, and oversaw events, instruction, and curriculum for a 12-week intensive web-development program. Assisted and led strategic product and company decisions, instructed and developed curriculum on front-end topics and represented MakerSquare brand in business contexts.

Volunteer Mentor **October 2013 - May 2014** **MakerSquare**

Ongoing mentor to front-end focused students at MakerSquare on various frameworks, core JavaScript/programming concepts, basic RDBMS concepts, and career advice.

Lead Front-End Developer **February 2014 – May 2014** **White Lion Interactive**

Assumed more responsibilities in addition to development work including training and mentoring junior developers, oversight and consultation on multiple projects, organizing changes in internal processes, and recruiting/hiring outreach.

Front-End Developer **May 2013 – February 2014** **White Lion Interactive**

Worked in an agency environment on the front end in a wide array of custom small-to-large size projects using Laravel 4, HTML5, CSS3, and JavaScript. JavaScript work extended into operations work utilizing Node, Grunt, RequireJS, and Bower as build/dependency management tools, as well as frameworks like Backbone, AngularJS, Modernizr, and more.

Freelance Web Design and Development **May 2012 – May 2013**

Worked and working with various clients through Freelancer.com, Elance, and word of mouth to perform anything from minor alterations to entire site redesigns.

A/V Help Desk Workstudy **September 2009 – May 2012** **Maryland Institute College of Art**

Responsible for instructing customers on the usage of equipment, administering fines, checking out equipment, as well as delivery, setup, and collection of equipment around campus.

Various Videography Projects **2009 – 2012**

Working in teams in various roles, as and with actors, cinematographers, directors, production assistants, and more to produce various artistic projects with different budgets, deadlines, and personalities.

EDUCATION

Maryland Institute College of Art (September 2009 – May 2012)

Video and Film Arts

SKILLS

HTML5 - Semantic, performant, cross-browser compatible websites, modern HTML5 APIs, progressive enhancement/graceful degradation, experience building WAI-ARIA / 508-compliant applications

CSS and UX – Sass, modular CSS paradigms (SMACSS/OOCSS/BEM), grid-systems (Foundation and Bootstrap), responsive design, mobile optimization

JavaScript - Deep familiarity with front-end JavaScript, comfortable with Node.js, experience building modular code for JavaScript applications, SPAs, and a wide array of libraries and frameworks, event-driven/asynchronous programming

Libraries - jQuery, Underscore / Lodash, and a vast number of others

Frameworks - Backbone.js, Angular.js 1.3, Raphael.js, Ext.js + Sencha Touch

Modern technologies and tools - Require.js, Modernizr + polyfills, NPM, Bower, Grunt and Gulp, Yeoman generators, Raphael.js (SVG) and Kinetic.js (Canvas), A+/Promises (q and native Chrome promises), Phantom.js, D3, Socket.io

Architecture - Familiar with MV*/MVW architectures across front-end and back-end applications, SOA, HTTP, REST, and a vested interest in exploring more design and architecture patterns

Backend Languages and experience - Comfortable with PHP + Laravel, Ruby + Ruby on Rails / Sinatra, and have worked briefly with Java and Python, familiar with RDBMS technologies MySQL, Postgres, and NoSQL platform MongoDB

Excellent written and oral skills - Skilled at conveying complex topics to team members, writing technical documentation, or drafting friendly emails.

Client-facing communication - Able to communicate with clients comfortably and explain technical concepts in a nontechnical way.

Management and team leadership - Experience managing product direction, projects, and conducting 1-on-1s with multiple team members. Focused on workplace happiness, creative spaces and collaborative environments.

General Technical

Project management / bug tracking: JIRA, Basecamp, Asana

Version Control: SVN & Git

Adobe Creative Suite: Photoshop, Premiere Pro, some Illustrator

Familiar with Agile/Scrum methodologies

A/V skills (I can set up your projector)

PERSONAL PROJECTS

@pixelsorter (<http://wayspurrchen.com/pixelsorter>)

A Twitter bot written in Ruby, @pixelsorter is a bot that will take any image tweeted at it and then sort its pixels according to a variety of values. It has been featured in Vice's [Creators Project](#) (twice!), [Quartz](#), [The Verge](#), and used by visual artists to create [new pieces](#) of digital art.

/r/frontend - front-end web development reddit community

8,000+ user reddit community devoted to high-quality, modern front-end web covering everything from HTML5 JavaScript APIs to UX / UI design development that I created, grew, and now moderate and curate.