Joseph Fraley

Full-Stack Developer & Philosopher

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Strong Technical Skills

Server/Backend Technologies	Client/Front-end Technologies	Programming /Design Paradigms
Node	JavaScript, CSS, HTML	Test-driven / behavior-driven Development
npm	*View libraries* -- React, Backbone	Functional programming (where appropriate)
Python	*Template libraries* -- Handlebars, Jade	Responsive design
	Utility libraries -- Lodash, jQuery	Mobile-first design
	Back-end as a Service -- Firebase	Universal / accessible design
	Rapid development -- Bootstrap	
	Visual design -- Sass, CSS3, CSS Modules	
	Build tools -- Webpack, Gulp, Bash, Make files	

Testing Paradigms	Team / Productivity Tools	Team paradigms
Strict unit testing -- Mocha, Chai, Jasmine	*Code review* -- Github, Stash	Agile / Scrum
Continuous integration -- Bamboo	*Realtime Collaboration* -- Slack, Screenhero	Open-source
Mocks / stubs -- Sinon	*Task management* -- Trello, Toggl, Jira	Remote work
Regression testing	*Version control* -- Git, Github, Stash, Bamboo	Pair / mob programming

Professional Experience

Software Engineer | **Idealist.org**
April 2016 - August 2016

Maintained and expanded a fully responsive site optimized for performance, backed by tests and continuous integration. Applied React and Node on a big problem space, in production to a high-traffic web property, using multiple languages.

Major reworking of platform as an isomorphic, single-page web application.

Major retooling of legacy build-process using Webpack.

Wrote and contributed back to open source projects like:

React Styleguide Generator, Zurb: Responsive Email Template Boilerplate

```
Technical Environment: JavaScript, React, Python, Node, Git, HTML, Sass, Mocha,
Google Analytics
Team Environment: Slack, Trello, Stash, Jira, Bamboo
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JavaScript Writer & Research | **Team Treehouse**
December 2015 - April 2016

Built and delivered Treehouse courses, including scripts, code challenges, project materials, assessment tools, and curriculum outlines. This required thorough understanding of best-practices, design paradigms, current programming trends, and the ability to communicate them to a wide range of people.

Collaborated with designers, other instructors, and product managers to decide learning goals for students.

Produced high-quality content in line with Treehouse standard of excellence in education and

code.

Current courses include: [JavaScript Unit Testing](#)

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Technical Environment: JavaScript, Mocha, Chai, Node, npm, OOP, Markdown, Git
```

Lead Developer | **[PopSockets](#)**
May 2015 - August 2015

Developed Shopify storefront for PopSockets, who make clever grips and accessories for mobile devices.

Built templates & responsive client-side tools, & integrated designs from other PopSockets web presence.

Emphasized modern web standards like flexbox.

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Technical Environment: Shopify eCommerce Platform, Bootstrap, JavaScript ,
jQuery, CSS3
```

Instructor | **University of Colorado, Boulder**
August 2013 - May 2014

Developed supplementary curriculum for intro philosophy courses of more than 100 students. Provided instruction and test prep for courses in metaphysics, ethics, history of philosophy, philosophy of science fiction, critical thinking, logic, writing, and others.

Volunteer Experience

Front-end Developer & Architect | **[Animal Charity Evaluators](#)**
December 2015 - Present

Wrote automation scripts using the Google App platform to expedite article clean up / publishing on their Wordpress site.

As a team, implemented a distributed workflow for software volunteers using Git, Github, and the Wordpress plugin ecosystem.
General JavaScript & architecture consultation.

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Technical Environment: JavaScript, Google Apps, Git, CSS3 / HTML5, Wordpress
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Front-end Developer | **[XRAY.FM](#)**
December 2015 - April 2016

General design implementation, markup. Built mobile-frist / responsive pages, integrated with remote payment service.

For example: the [XRAY membership page](#)

```
Technical Environment: CSS3 / HTML5, Custom CMS
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Portland Elm Meetup Group Founder | [Portland Elm Group](#)
March 2016 - June 2016

Volunteer Organizer | [Mozilla ViewSource Conference](#)
November 2015

Personal Projects

[Fetch!](#)
A single-page web application for tracking your lost pets, by crowd-sourcing community animal sightings. Built in a Node / Backbone / Orchestrate stack.

Makes interesting use of the Google Maps JavaScript API, as well as a number of Node modules and client tools for image manipulation.

Education

Full-Stack JavaScript *2015*
Portland Code School

MA, Philosophy *2012-2014*
University of Colorado, Boulder
Emphasis in metaphysics, philosophy of language, & ethics.
Thesis: *Vagueness & Fundamentality*, 2014

BA, Philosophy *2009-2011*
Western Washington University
Paul J. & Rebecca Olscamp Scholarship 2009-2011. Outstanding Graduate, 2011. Vice President of Philosophy Club, 2010-2011.

Presentations

How to Get Started with Elm | [Portland Elm Group](#)
April 2016
An introduction to some fun Elm tools and open source Elm projects seeking participants.

What is Elm? | [JavaScript Admirers](#)
March 2016

An introduction to the Elm programming language in the context of modern JavaScript development.