

EMILY AVIVA KAPOR-MATER

emily@emilyaviva.com ◇ 617-444-9089

Twitter: @EmilyAviva ◇ github.com/emilyaviva ◇ linkedin.com/in/emilykapor

PROFILE

I am a full-stack JavaScript developer who finds beauty in simplicity. My mission is to create useful, meaningful, and socially positive experiences for end users and for other developers.

TECHNICAL SKILLS

Proficiencies	Data visualization, Test- and Behavior-driven development, MV* architecture
Languages	JavaScript (ES2015 & beyond), Elm, Sass, HTML, CSS, L ^A T _E X
Databases	SQL (PostgreSQL, SQLite), NoSQL (MongoDB, Redis)
Front-end tools	D3, React, Redux, Angular, jQuery, Lodash/Underscore, Bootstrap
Site generation	Webpack, Browserify, Gatsby, Continuous integration
Back-end tools	Node, npm, Gulp, Express, Git, REST APIs
Cloud technologies	Amazon AWS (including EC2, S3, Route 53), Heroku, Firebase

PROJECTS

Code Fellows public-facing website *www.codefellows.org*

- Used React and Gatsby to generate static assets for a coding school's large website and blog
- Designed and implemented miniature web applications, e.g. interactive class and events calendars
- Migrated a Ruby on Rails code base to ES2015 JavaScript, reducing the code base from 7,000 lines to 1,400
- Produced content models that can be user-edited via a CMS without delving into the code base
- Worked closely with the marketing team to maintain the website specification, using Bootstrap and Sass

Painting the Data Picture with D3.js *emilyaviva.github.io/painting-data-d3*

- Workshop on dynamic, reactive data visualization techniques with D3
- Demonstrated integrating D3 visualizations with React and Angular web applications
- Led lecture and discussion, going through data acquisition, code examples, and debugging

The Universal Wish List *theuniversalwishlist.com*

- Web app for users to create and share wish lists for any products or services available on the Internet
- Responsible for back-end API creation and programming, email interface, and MongoDB deployment
- Collaborated on responsive front-end development using React, with Agile development principles

Safety Dance *github.com/emilyaviva/safety-dance-project*

- App to help transgender people locate safe public washrooms
- Responsible for RESTful back-end and moderation system using MongoDB with Node and Express

The Extraterrestrial Birthday Calculator *etbirthday.com*

- Calculate when your next birthday occurs, if you had been born on a different planet
- Used Moment.js for date calculation, and Sass and jQuery for front-end development

Your First Node App: Build a Twitter Bot *github.com/emilyaviva/node-bot-tutorial*

- Built, documented, and published a tutorial introduction to Node through creating a Twitter bot
- Employed Twitter REST API, Express, and Heroku for uptime and self-maintenance

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EXPERIENCE

Code Fellows

Full-Stack Web Developer

June 2016 – present

Seattle, WA

- Built and deployed the public-facing website, as detailed above
- Continually acted as a resource for coding students on beginning through advanced levels
- Occasionally guest lectured to students on topics such as React and API pitfalls

Geezeo, Inc.

UI/UX Developer

January 2016 – April 2016

Seattle, WA

- Built responsive, dynamic visualizations for financial datasets with D3.js, React, Redux, and Webpack
- Took custom-designed prototypes and constructed fully functional software based on those designs
- Collaborated with two to four people on small geographically distributed Agile team

Code Fellows

Lead Teaching Assistant

October 2015 – January 2016

Seattle, WA

- Worked with full-time bootcamp students in:
 - Intermediate Web Development (301) — MVC development, SQL, test-driven development
 - Introduction to Computer Science and Web Development (201) — JavaScript, HTML, CSS
- Provided one-to-one and one-to-many instruction, acted as a knowledgeable resource, and graded student work

Apple, Inc.

Specialist, Business Acquisitions

October 2010 – May 2012

Vancouver, BC

- Business-to-business team sales and support, leasing, and finance
- Achieved and maintained AppleCare certification in mobile iOS device repair
- One-on-one customer teaching on Apple hardware and software

University of British Columbia

Graduate Teaching Fellow

September 2007 – May 2009

Vancouver, BC

- Duties included marking, lecturing, and tutoring in Greek and Roman history, Latin, Greek, and Hebrew
- Worked in a supervisory capacity and gained experience meeting deadlines

Reed College

User Support Specialist

October 2004 – May 2007

Portland, OR

- Front-line technical support for students, faculty, and staff
- Web design and technical content writing in HTML and CSS for internal- and external-facing college websites

EDUCATION

Code Fellows, Seattle, Washington

Certificate in Full-Stack JavaScript Development

2015

University of British Columbia, Vancouver, Canada

M.A. in Ancient Culture, Religion, and Ethnicity

2009

Reed College, Portland, Oregon

B.A. in Classics

2007