

Sarah Fuchs

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EXPERIENCE

FutureAdvisor

Software Engineer II, Models & Algorithms

January 2018 - Present

Major tools: Rails, React/Redux, json-schema, css-modules, create-react-app, AWS SQS, S3, Scala

- Saving approximately 3,000 developer-hours annually, I led the development of a new service from its inception to production in three quarters - through significant changes to management and technical leadership. Achieved 100% unit test coverage, robust integration tests, and complete in-line documentation of code.
- As scrum master & engineer, I guided the team seamlessly through 24 sprints, achieving 100% of the team's business objectives for the last two quarters, in addition to tackling technical debt.
- As the front end lead of another project, I armed an entirely backend team with the vision and resources to build a full-stack application, architecting & documenting a component structure to guide the development of the UI. Transitioning ownership to another team was seamless.

Software Engineer I, Core Platform

July 2016 - January 2018

Major tools: Rails, Backbone, Marionette, Epoxy, React/Redux, Mocha, Sinon, Java, Selenium

- I took a "where am I needed?" approach to our codebase, implementing new features to product specs, cleaning up tech debt where possible, and thoroughly documenting the indestructibly nasty bits.

Merus Inc, Oakland, CA

Technical Support Specialist

June 2015 - April 2016

Major tools: SQL, Excel, linux, TeamViewer

- I successfully onboarded 10+ firms by doing some of all of data migration, engineering team liaising, resolving customer issues, teaching off-site trainings, etc. If it was useful, I did it.
- I crafted SQL queries to manipulate, update, and clean 1000s of GBs of client data.
- Achieving 99% data integrity in data migrations, I coordinated with software engineers, the sales team, and legal staff, accommodating diverse communication styles and objectives.

PROJECTS

Camellia.io, Responsive SPA (single page app) with RESTful API

www.camellio.io | github.com/fuchssarahe/Camellia

Major tools: Rails, React, jQuery, jbuilder, Cloudinary, heroku

- *Typeahead search:* Intelligently decides how to generate search suggestions based on the query, minimizing unnecessary HTTP requests
- *Image uploading:* Accesses the FormData web API to transfer files to the server for upload, keeping the UI clean and consistent across the site
- *Custom star-rating selector for reviews:* Layers CSS backgrounds and HTML elements to allow mouse position to determine number of stars displayed

EDUCATION

App Academy - May 2016 | 1000-hour course in web development (<3% admission rate)

B.S. Materials Science & Engineering - The Ohio State University, 2015 | Cum Laude (GPA: 3.6)

