Sarah Fuchs

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EXPERIENCE

FutureAdvisor

Software Engineer II, Models & Algorithms   January 2018 - Present
<u>Major tools:</u> 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.
- Achieving 100% of the team's business objectives for the last two quarters, I guided the team seamlessly through 24 sprints as scrum master & engineer, 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 by architecting & documenting a component structure to guide the development of the UI.

Software Engineer I, Core Platform   July 2016 - January 2018
<u>Major tools:</u> 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

Technical Support Specialist   June 2015 - April 2016
<u>Major tools:</u> SQL, Excel, linux, TeamViewer

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

PROJECTS

Camellia.io, Responsive SPA (single page app) with RESTful API
www.camellio.io | github.com/fuchssarahe/Camellia
<u>Major tools:</u> 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)