

Katerina Kossler

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TECHNOLOGIES

- **Languages:** Ruby, Python, Javascript, SQL
- **Software:** Ruby on Rails, PostgreSQL, Kubernetes, Flux, Helm, Terraform / Terragrunt, React, Flask, JQuery, Babel, Bootstrap, Pandas, Datadog, New Relic

WORK EXPERIENCE

CarGurus (Autolist brand): Software Engineer Nov 2020 - Present

- Develop, maintain, and manage our Kubernetes clusters, cloud infrastructure (AWS) and services
- Led the planning, development and release of apis in our Ruby on Rails application using TDD
- Routinely work in cross-functional teams to plan and deliver on technical projects
- Maintain and improve our kubernetes clusters, lambdas, databases, and legacy Javascript code
- Participate in the on-call rotation and incident response
- Provide technical support to our client teams through pairing and internal tooling development
- Mentored our software engineer apprentice and lead the internal engineering book club

Datadog: Solutions Engineer Aug 2020 - Nov 2020

- Leveraged internal documents and personal knowledge of the Datadog product to assist clients with account management, feature exploration, and solving technical issues
- Built out documentation and wrote technical articles for a variety of Datadog features

Zymergen: Research Associate I/II - Test Development May 2018 - Jul 2020

- Pulled data using MySQL, performed analysis using JMP Statistical Software, Excel, and Python to determine significant process improvements & desirable candidate strains
- Built Python tools in Jupyter Notebooks using Pandas that reduced analysis time by 1 hour per week
- Released a graph generation script using Altair to reduce analysis time by 3 hours
- Interned on the data management solutions team to build and maintain code related to production processes in Agile sprints

PROJECTS

Hiking Habit Feb - Mar 2020

- Built a single-page web app built using a PostgreSQL database, Flask app server, and a React front end
- The application was deployed using AWS Lightsail and trail data was fetched from REI's The Hiking Project API

VOLUNTEER WORK

ShelterTech: Software Development Volunteer Aug 2020 - Jul 2021, Jan 2024 - Present

- Worked on the API development team and "Go rewrite" teams to support a product that connects individuals experiencing homelessness to services in the San Francisco area

YCore: Japanese Cultural and Community Center of Northern California Jun - Oct 2020

- Assisted with content for a history walk application through San Francisco's Japantown

EDUCATION

HackBright Academy Oct 2019 - Apr 2020

- **Relevant Topics:** Data Structures, Algorithms, Object Oriented Programming, Runtime Complexity

B.S. Chemical Engineering - University of California, Berkeley Aug 2014 - May 2018

- **Relevant Courses:** Python Fundamentals for Data Science, Computational Methods in Chemical Eng.

ACTIVITIES / INTERESTS

I like to spend my free time looking for birds, writing poetry, and playing board games.