Katerina Kossler

linkedin.com/in/katerina-kossler/ | github.com/katerina-kossler/

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 an api in our Ruby on Rails application using TDD
- Routinely work in cross-functional teams to plan and deliver on technical projects
- Maintain and improve 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
- Mentor our software engineer apprentice and receive mentorship from more senior engineers

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
- Worked on the API development team to support a product that connects individuals experiencing homelessness to services in San Francisco

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.