Katerina Kossler

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TECHNOLOGIES

- **Languages:** Python, Javascript, SQL
- **Software:** React, MySQL, PostgreSQL, Jupyter Notebooks, SQLAlchemy, Flask, JQuery, Babel, Bootstrap, Altair, Pandas, Datadog

WORK EXPERIENCE

Datadog: Solutions Engineer   Aug 2020 – Present

- Leverage internal documents and personal knowledge of the Datadog product to assist clients in managing accounts, identifying opportunities for growth, and troubleshooting issues.
- Reproduce issues and dive into troubleshooting for our 400+ integrations with the Datadog Agent
- Build out documentation and knowledge based articles for a variety of technology
- Drive product conversations based on needs and problems learned during client interactions

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
- Moonlit on the data management solutions team to build and maintain code related to production processes in **Agile** sprints

PROJECTS

Hiking Habit (hiking-habit.com)   Feb – Mar 2020

- A single-page web app built using a **PostgreSQL** database, **Flask** app server, and a **React** front end; deployed using **AWS Lightsail**
- Interactions with the Flask server are completed using **JQuery**, **React JSX** code is compiled into Javascript using **Babel**, routing is managed by **React Router**,
- local trail data is queried from REI's The Hiking Project API, progress is charted using **Chart.js**, and alerts are managed with **AlertifyJS**

VOLUNTEER WORK

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

ShelterTech: Software Development Volunteer   Aug 2020 - Present

EDUCATION

HackBright Academy (San Francisco, Ca)   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

You can find me on the weekends out backpacking, reading a novel and self-improvement books, or playing board games like Sushi Go Party! or Dominion.