

samuel weitzman

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work - cisco meraki

Machine Learning Engineer

San Francisco, CA

Sep. 2018 - Present

- Developed a production anomaly detection system for web application performance issues
- Improved user alert response by 18%
- Used Python, Pandas, Jax, NumPyro, Docker, AWS, Terraform, and MLFlow
- Run a machine learning presentation meetup to foster collaboration and knowledge sharing across teams
- Mentor to full time hires and adviser for intern research projects
- Lead data analytics and project planning for multiple data driven features in the works
- Worked on Meraki web app features and scalability, writing Ruby on Rails / Scala backend and JavaScript + React frontend
- Close collaboration with PM and UX to scope new ML features and product decisions

education - brown university

B.Sc. Mathematics - Computer Science

GPA: 4.00

Sep. 2014 - May 2018

Diverse undergrad education specializing in topics at the intersection of pure math, applied math, and computer science. Capstone in computer vision.

about me

I want my work to solve novel problems through data analytics and modeling, all while leveraging the best practices of testing, automation, and visibility of traditional software engineering. Interested in working both on data heavy problems and the tools to do so more effectively. Outside of tech my interests include sustainable agriculture, trail running, and cooking with friends.

languages

Python
Ruby
SQL	..
Bash	..
TeX	..
Julia	.

libraries

Pandas
Matplotlib	...
Dask	...
Numpyro	...
Numpy	..
Sklearn	..

tools

Git
Docker	...
MLFlow	...
AWS	..
Postgres	..
Terraform	.