


samuel weitzman

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work - aquabyte

Senior Machine Learning Engineer

San Francisco, CA

Feb. 2022 - Present

- Researched computer vision models for classification, keypoint detection, and 3D geometry to weigh salmon from a stereo camera system.
- Deployed multiple models to both AWS cloud environments and edge devices.
- Models are active in production running inference on millions of images a day.
- Comfortable working on all parts of the stack: modeling, data pipelines, infrastructure, backend, and frontend.

work - cisco meraki

Machine Learning Engineer

San Francisco, CA

Sep. 2018 - Jan. 2022

- Developed anomaly detection and timeseries forecasting models for networking issues and bandwidth use.
- Inventor on patent for internet outage detection (US11398970B2).
- Collaborate closely with PM to define product decisions and roadmap.

education - brown university

B.Sc. Mathematics - Computer Science

GPA: 4.00

Sep. 2014 - May 2018

about me

I want my work to solve critical climate and environmental problems. I thrive with a challenging technical problem and owning a project from research to deployment. Outside of tech my interests include sustainable agriculture, trail running, and cooking with friends.

languages

Python
Ruby
SQL	...
Bash	..
Javascript	..
TeX	..

libraries

pandas
pytorch	...
sklearn	...
pytest	...
OpenCV	..
dask	..

tools

Docker
Git
AWS	...
Databases	..
MLFlow	..
Terraform	.