

Sam Bernstein

1166 Cragmont Ave, Berkeley, CA 94708

310-613-5927

samb@alumni.princeton.edu

[Github: www.github.com/sambernstein](https://github.com/sambernstein)

WORK EXPERIENCE

Everlaw (eDiscovery), Oakland, CA

Aug. 2019 - Present

Full Stack Software Engineer | Java, TypeScript, Python, MySQL, Postgres, Spring, Hibernate

- Developed from end-to-end Everlaw's most user-requested feature, "Saved Views," creating an ecosystem of shareable settings in Everlaw's document results table, leveraged daily by thousands of users
- Used multiprocessing to parallelize OCR on individual documents in Everlaw's distributed document ingestion system in AWS, reducing completion time for the average upload by 15%
- Served as Dev-on-Duty, fixing bugs and communicating between Customer Success and Engineering team
- Overhauled Everlaw's document coding toolbar, fixing all existing bugs and adding functionality for users to save and share presets of document review codes

Percolata (machine learning startup), Palo Alto, CA

July – Sept. 2018

Machine Learning Intern | Python, NumPy, pandas, Keras, XGBoost, MySQL

- Developed 5 machine learning models to improve forecasting of retail store traffic
- Trained a deep convolutional network architecture to rival accuracy of Percolata's best existing models
- Automated hyperparameter search processes and reduced onboarding time for future employees by documenting and expanding Percolata's machine learning infrastructure

Fanbase (social media startup), Santa Monica, CA

June – Aug. 2017

Software Developer

- Wrote scripts to process and analyze large text files of Twitter user data; reduced runtime for data processing tasks by a factor of 30
- Developed scripts for generating phrases semantically related to an input list by leveraging APIs

Boeing Satellite Development Center, El Segundo, CA

June – Aug. 2014

Avionics and Telemetry Software Intern

- Designed data lookup tool that reduced time to verify telemetry data tenfold

EDUCATION

Princeton University, Princeton, NJ

Sept. 2015 - June 2019

- Bachelor of Science in Engineering; Major: Computer Science
- Study abroad in Spain: University of Granada, junior year spring term 2018
- Coursework includes: Algorithms and Data Structures, Graph Theory, Advanced Machine Learning
- Senior Independent Work: semester-long projects on interpreting and calibrating deep neural networks
- Princeton Table Tennis Club, *President and Officer*. Led team to 2017 Collegiate National Championships
- Princeton Envision (futurist society), *Member*. Attended yearly Envision Conference on disruptive technologies

Windward High School, Los Angeles, CA

Sept. 2011 - June 2015

- Head programmer of Windward FRC Robotics Team in C++ and LabVIEW (2014)
- American Mathematics Competition, Grade 12: 1st place at Windward; Sr. Award in Science & Technology

SKILLS

- Development tools and languages:
 - Strong knowledge of Java, Python, TypeScript, HTML, Git, Jupyter Notebooks
 - Working knowledge of Postgres, MySQL, Sass, REST, OCaml, Python GUI development, NumPy
 - Prior experience with pandas, C++, C, MATLAB, Dojo Toolkit, Spring, Hibernate, Docker, AWS
- Fluent in Spanish (verbal and written)
- Expert at Rubik's Cube speedsolving; [personal record](#) of 13.47 seconds to solve cube in competition