

Sam Bernstein

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WORK EXPERIENCE

Everlaw (eDiscovery startup), Oakland, CA

August 2019 - Present

Software Engineer

- Full-stack web developer on Everlaw's cloud eDiscovery platform, used by legal teams for reviewing millions of documents and building cases
- Built entire features-from-feature definition phase through development and deployment, using Java, MySQL, PostgreSQL, TypeScript, Spring, Hibernate, Sass style sheets, Python, and Git
- Developed 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
- 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 – September 2018

Machine Learning Intern

- Developed 5 machine learning models to improve forecasting of retail store traffic using Python, NumPy, pandas, Keras, XGBoost, and MySQL
- 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 – August 2017

Software Developer

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

Boeing Satellite Development Center, El Segundo, CA

June – August 2014

Avionics and Telemetry Software Intern

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

EDUCATION

Princeton University, Princeton, NJ

September 2015 - June 2019

- Bachelors of Science in Engineering; Major: Computer Science
- Study abroad in Spain: University of Granada, junior year spring term 2018
- Coursework includes: Functional Programming, 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

September 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 MySQL, PostgreSQL, Sass, OCaml, Python GUI development, NumPy
 - Prior experience with C++, C, MATLAB, Dojo Toolkit, Spring, Hibernate
- Fluent in Spanish (verbal and written)
- Expert at Rubik's Cube speedsolving; [personal record](#) of 13.47 seconds to solve cube in competition