

# Lukas Schwab

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Software Engineer, San Francisco Bay Area  
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## Work

### **Software Engineer, Vanta 2019-**

Project-managed, built, and maintained GCP integration: approx. \$735k ARR.  
Full-stack security monitoring feature work (dashboard, backend, OSQuery agent).  
Eliminated multicontainer dependence on Redis availability.  
Championed internal product feedback and competitive analysis tools.  
Ran inconclusive regressions against NPS data.  
Clustered raw user feedback; synthesized wireframes for a page redesign.  
Won trivia bucket-trophy by guessing how many PA households burn coal.

### **Maintainer, arxiv.py 2015-**

Maintain PyPI distribution, documentation, and open source contributions.  
64,000 downloads. Used by projects at IBM, CMU, Stanford, and arXiv itself.

### **Upload Engineering Intern, Vimeo 2018**

Utilities for context-rich logging among groups of microservices (open sourced).  
Dockerized logserver for language- and environment-agnostic logging behavior.  
Core upload job manager for concurrent, multipart video uploads to GCP.

### **Software Engineering Intern, Distributed Systems 2016**

Docker Hub for containerized models, indexed by training data.  
Data lake Docker image; automatic ingestion from Segment, Mixpanel.

### **Fellow, Bayes Impact 2015-16**

Bayes Hack: federal data hackathon with 500+ data scientists attending.  
Close partnerships for data and challenges with seven executive agencies.

## Teaching

### **Debate Coach, Campolindo High School 2016-18**

Varsity Coach, 2016–17; Varsity & Head Coach, 2017-18.  
No. 1 school (U.S.) by cumulative performance: 2017 (all-time record), 2018.  
No. 1 individual team (U.S.) by cumulative performance (NPDL): 2018.  
Champions, National Tournament of Champions: 2018.

### **Head G.S.I., UC Berkeley C.S. 195 2017**

Computer Science 195: Social Implications of Computing  
Head (Undergraduate) Graduate Student Instructor, Fall 2017.

## Education

### **University of California, Berkeley**

B.A., Computer Science, 2019.  
C.S. coursework: 61, 70, 161, 162, 164, 170, 188, 189, 195.