

Lukas Schwab

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Work

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.
Upload, storage, and transcoding orchestrator for concurrent multipart uploads.

Software Engineering Intern, Distributed Systems 2016

Docker Hub for containerized neural networks.
Data lake container; 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.

Project Manager, The House 2015-16

Odds and ends: scrum, amateur interior design, cabinet installation.

Software Engineering Intern, OnTheGo Platforms 2014-15

Google Glass apps before they were uncool.
Scripts for automatic Haar, HOG, LBP training and validation (OpenCV).

Teaching & Research

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 Graduate Student Instructor, Fall 2017.

Research Intern, Portland State University 2013-14

Teuscher.:Lab Computer Science Research Intern
Simulations of LASH and other routing strategies in complex networks.
Qualifier, Intel International Science and Engineering Fair.

Education

University of California, Berkeley

B.A., Computer Science & Film, 2019.
C.S. coursework: 161, 170, 61A, 61B, 61C, 70, 164, 188, 195, 162, 189.
Northern California President, Kairos Society (2016-18).