

LUKAS SCHWAB

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WORK

Independent Researcher, Rhizomatic 2017

Head & Varsity Debate Coach, Campolindo High School 2016–

- #1 parliamentary debate squad [in the country](#), 2016–2017 season.
- Focuses: Foucauldian critical theory, Copenhagen School security studies, naval hegemony, rational actor theory.

Software Engineer, Pavlov 2016

- Integrated neural networks into Dockerized development workflow.
- Championed “Docker Hub for Machine Learning” product for versioning, verification, deployment, reproducibility.

Project Manager, The House 2015–16

- Prototyped the House Founders program, including partnerships with top Berkeley entrepreneurship organizations.
- Procurement and sponsorship, including a deep dive in furniture manufacturing.
- Odds and ends: scrum, Gantt charts, amateur interior design, cabinet installation.

Fellow, Bayes Impact 2015–16

- [Bayes Hack](#): 500+ data scientists tackling big data problems for federal agencies.
- Built close partnerships with the DoL, DoT, DoJ, HUD, VA, DoC, DoI.
- Ran west coast [Mental Health Hackathon](#) with the White House OSTP.

Software Engineer, OnTheGo Platforms 2014–15

- AR gesture recognition for various platforms: wearable, mobile, and desktop.
- Built “compound gesture” natural gesture processing, automated ML model training and validation, developed demo applications.

Computer Science Researcher, Teuscher:Lab 2013-14

- Simulated and benchmarked novel routing algorithms for complex networks-on-chip.
 - 1st and 2nd place at Oregon fairs; Intel International Fair ([ISEF](#)) qualifier.
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EDUCATION

University of California, Berkeley 2015–2019

- Computer Science and Film double-major, College of Letters and Sciences
 - CS coursework: [CS 61A](#), [61B](#), [61C](#), [70](#), [161](#), [170](#), [195](#). [Data Science 8](#). [Math 1A](#), [1B](#), [54](#).
 - Film coursework: Film R1B, 25B, 26, 166, 180. AfAm 142AC.
 - Undergraduate Student Instructor, Computer Science 195 Fall 2017.
 - President, Northern California [Kairos Society](#). Sponsors: KPCB, Sequoia Capital, 8VC.
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[GitHub](#) • [Website](#) • [LinkedIn](#)