

David Lin

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Education

Aug, 2015 **University of California, Berkeley**
May, 2019 **Major** B.S. Electrical Engineering and Computer Sciences (EECS)

Technical Experience

- Aug, 2019 **Software Development Engineer II - Alexa AI** [Amazon](#), Seattle, WA
Present
 - Make Alexa a smarter, self-learning assistant from implicit user feedback and ML models
 - Rewriting millions of customer utterances a day to reduce defect rate by 30%
- Feb, 2019 **Product Manager - UC Berkeley Mobile App** [UC Berkeley IST](#), Berkeley, CA
April, 2019
 - Design the official university mobile app and its future product roadmap
 - Construct and interview personas to understand the target user groups and features
 - Conduct accessibility reviews to ensure that disabled users can maneuver the app
- May, 2018 **Software Engineering Intern** [Amazon](#), Seattle, WA
Aug, 2018
 - Develop software and 10-page design doc to reduce friction in Alexa-user interactions
- Sept, 2017 **Computer Vision/Mapping Researcher** [Berkeley DeepDrive](#), CA
May, 2018
 - Develop live simultaneous localization and mapping techniques for autonomous driving
 - Review cutting-edge academic literature to implement ICP point cloud registration
 - Reconstruct 3D point cloud map of car scene from hundreds of frames of Lidar data
- June, 2017 **Online Manager** [The Daily Californian](#), Berkeley, CA
April, 2018
 - Manage website redesign team and online/mobile dept serving 10,000+ daily uniques
 - Direct data analytics committees to improve online ad revenue and user engagement
 - Collaborate extensively with executive editors, business, and sales managers

Policy Experience

- July, 2020 **Science and Tech Policymaker** [Day One Accelerator](#), Virtual
Present
 - Write a policy proposal on "Regulating Facial Recognition Tech to Protect Civil Rights"
 - Recommend concrete implementable policy actions for accountability and transparency
- Feb, 2019 **City Council Intern - Office of Councilmember, D7** [City of Berkeley](#), Berkeley, CA
May, 2019
 - Conduct policy research and submit memos to improve economic access and safety
 - Worked on overnight parking for homeless students, affordable housing, improving public transportation and pedestrianization, and funding for small businesses

Volunteer Experience

- June, 2020 **Remote Teacher - Ilwaco High School** [TEALS](#), Remote
Present
 - Help HS build sustainable CS programs by team-teaching with classroom teachers
 - Develop curriculum, course policies, and daily lesson plans for the entire academic year
- Aug, 2018 **Lead Instructor** [E98 DeCal Course](#), Berkeley, CA
Dec, 2018
 - Develop weekly lesson plans and teach a 20-student class how to succeed at Berkeley
 - Accommodate curriculum to the academic and professional demands of various majors, years, and experiences including transfer or international students