

David Lin

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Education

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

Work Experience

Aug, 2019 | **Software Development Engineer** [Amazon](#), Seattle, WA
Present | • Alexa AI, Intelligent Decisions

Feb, 2019 | **City Council Intern** [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

May, 2018 | **Software Engineering Intern, Big Data** [Amazon](#), Seattle, WA
Aug, 2018 | • Completed project and 10 page design doc to reduce friction in Alexa-user interactions
• Iterate using weekly critical feedback from design reviews on the project's business motivation, software requirements, technical architecture diagram, and case studies

Sept, 2017 | **Researcher, Computer Vision/Mapping** [Berkeley DeepDrive](#), UC Berkeley, 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

May, 2017 | **Software Engineering Intern, Backend/Data** [Quantcast](#), San Francisco, CA
Aug, 2017 | • Automate weekly publisher site status service and improve accuracy from 60% -> 100%
• Review project frequently with stakeholders in product design, engineering, and users

Leadership Experience

Feb, 2019 | **Product Manager** [UC Berkeley IST](#), Berkeley, CA
April, 2019 | • Design the official UC Berkeley 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

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

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

Skills

Data Analysis, Literature Review, Policy Research, Memo Writing, Tech Trends, Group Facilitation