David Lin

(732) 939-8643 | lin.david@berkeley.edu | https://www.linkedin.com/in/davidmlin

Education

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

Technical Experience

Aug, 2019 – Present **Software Engineer II - Alexa AI** — Amazon, Seattle, WA
- 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 – April, 2019 **Product Manager - UC Berkeley Mobile App** — UC Berkeley IST, Berkeley, CA
- 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 – Aug, 2018 **Software Engineering Intern** — Amazon, Seattle, WA
- Develop software and 10-page design doc to reduce friction in Alexa-user interactions

Sept, 2017 – May, 2018 **Computer Vision/Mapping Researcher** — Berkeley DeepDrive, CA
- Develop live simultaneous localization and mapping techniques for autonomous driving
- Review latest academic literature to reconstruct a 3D model of the dynamic scene

June, 2017 – April, 2018 **Online Manager** — The Daily Californian, Berkeley, CA
- 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 – Present **Science and Tech Policymaker** — Day One Accelerator, Virtual
- Write a policy proposal on "Regulating Facial Recognition Tech to Protect Civil Rights"
- Recommend concrete implementable policy actions for accountability and transparency

Feb, 2019 – May, 2019 **City Council Intern - Office of Councilmember, D7** — City of Berkeley, Berkeley, CA
- Conduct policy research and write memos/referrals on:
  - Housing (multifamily housing and overnight parking for homeless students)
  - Transportation (Berkeley pedestrianization and Bus Rapid Transit opportunities)
  - Economic access (fee on non-residential development for small business financing)

Volunteer Experience

June, 2020 – Present **Remote Teacher - Ilwaco High School** — TEALS, Remote
- Help HS build sustainable CS programs by team-teaching with classroom teachers
- Teach Intro to CS lessons, develop curriculum, and course policies for the 2020-21 year

Aug, 2018 – Dec, 2018 **Lead Instructor** — E98 DeCal Course, Berkeley, CA
- 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