Ethan J. Shang

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US Citizen

Education

University of California, Berkeley, Class of 2020, *cum laude,* GPA: 3.86, Computer Science GPA: 3.91

Major: Electrical Engineering & Computer Science, College of Engineering   **Minor**: Data Science

Employment and Work Experience

Microsoft | M365 Viva Insights

Product Manager, 2021 – 2023

- Launched Viva Insights data platform from zero-to-one to export M365 data with the first release supporting 180,000+ paid seats, contributing to a period of triple-digit paid seat growth.
- Drove development and release of 5 partner-built custom solutions on the Viva Insights data platform.
- Drove +22% paid seat growth by leading privacy feature development to unblock customer privacy concerns.

Product Manager Intern, Summer 2020

- Launched data quality features that expand recommendations for 1.7 million users and opened top-of-funnel by 90,000 users through automatic analysis M365 behavioral metadata.
- Improved recommendations product-wide by highlighting groups of employees for leaders to take recommended actions on, increasing workplace productivity and wellbeing.

Software Engineer Intern, Summer 2019

- Developed Office 365 features using Microsoft Azure cloud services to transform big data into enterprise- and personal-level productivity services with machine learning features.
- Delivered analytics for worker engagement and efficiency, reached 100+ million users.

University of California, Berkeley | Department of Electrical Engineering and Computer Science

Head Student Instructor, Spring 2020 – Fall 2020

- Earned Outstanding Student Instructor award. Managed 19 staff for Database Systems (~650 students)

Student Instructor, Fall 2019

- Salaried course staff for Database Systems (~750 students). Received 4.87/5 rating from students.

Lawrence Livermore National Laboratory | Computing

- **Software Engineer Intern**, Summer 2018: Built data analytics tool to automate supercomputer performance analysis by integrating disparate data; created query language and parser via web-based dashboard.
- **Software Engineer Intern**, Summer 2017: Data mined the Department of Energy's network to improve threat detection and network security; Leadership role in building autonomous analytics from the ground up.

Skills and Abilities

- **Big Data**: Data pipeline design, machine learning, Azure Data Factory, Azure Data Lake, Azure Key Vault, automation, data mining, data analysis via Pandas and NumPy, SQL, Scala, C#, Java, Python
- **Leadership**: Stakeholder alignment, internal and external partner management, project management, data-driven visioning and feature prioritization, customer conversations, OKR / KPI definition, PRDs
- **Coursework**: UX/UI Design, Artificial Intelligence, Operating Systems, Database Systems, Data Structures, Efficient Algorithms, Principles of Data Science, Computer Architecture, iOS Development

Accomplishments and Interests

- UC Berkeley Regents' and Chancellor's Scholarship — Top 3% of Berkeley students
- Member of Eta Kappa Nu — National Electrical Engineering and Computer Science Honor Society
- Accel Scholar — industry-focused mentorship program hosted by VC Firm Accel with <2% acceptance
- Certificate — Entrepreneurship and Technology, U.C. Berkeley Sutardja Center
- Interests: scaling alpine mountains, volunteering for local soccer leagues, passionately debating about food