

CALEB REN

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WORK EXPERIENCE

IXL Learning

San Francisco, CA

Product Manager

Jan 2025 – Present

- Align product strategy for Dictionary.com, Thesaurus.com, and Vocabulary.com with senior leadership and C-suite, ensuring timely execution of company priorities
- Led product rebuild of Dictionary.com and Thesaurus.com, modernizing infrastructure to support 300M annual visitors and launching new gamification, growth and English learning initiatives for independent learners
- Designed and implemented a feedback analysis pipeline using SBERT and HITL classification to process 50K+ feedback data points, accelerating insight delivery and reducing product iteration time by 85%
- Founded and led Pride @ IXL, growing LGBTQ+ employee support group to 80+ employees within 3 months

Sr. Associate Product Manager

Jan 2024 – Dec 2024

- Spearheaded the 10-person IXL Quizzes product development team, maintaining a 90% on-time launch efficiency while fostering a culture of cross-functional collaboration and product excellence for 15M administrator and teacher users
- Drove 0-1 product lifecycle for Common Assessments and Quiz Resources, from ideation to post-launch feature improvements, resulting in 20K MAU and an 8% increase in strategic district pilot conversions
- Led cross-functional teams in the design, engineering, and launch of complex, UX-oriented student assessment products, impacting 1M+ student and educators with a strong emphasis on usability, scalability, and delight
- Contributed to district-facing product features including Common Assessments dashboards and LMS grade passback (Canvas, Schoology), improving data visibility and streamlining teacher workflows

Associate Product Manager

Feb 2022 – Dec 2023

- Orchestrated the development of high-impact teacher and classroom engagement features (e.g. Skill Plans, Group Jams, Takeoff core curriculum), coordinating with curriculum, engineering, QA, sales, and marketing to drive adoption for strategic accounts

Software Engineering Intern

May 2021 – Sep 2021

- Contributed to code reviews, documentation, and tech debt for new IXL Help Center, impacting 10M+ teacher and admin users
- Authored a comprehensive implementation guide for accessibility and HTML best practices, ensuring compliance to accessibility web standards for all major desktop and mobile browsers

Vocal Justice

San Francisco, CA

Research Specialist

Dec 2020 – Jan 2021

- Supported strategic initiatives through the Harvard Kennedy School's Social Innovation + Change Initiative at an early-stage education and social justice nonprofit
- Designed and executed a predictive analytics model in R that forecasted fellowship candidate success, driving strategic recruitment decisions and increasing fellowship placement by 25%
- Conducted and analyzed user interviews using sociology frameworks to predict demand for justice-based educational programming

Harvard Association for US-China Relations

Cambridge, MA

President

Sep 2019 – May 2020

- Led 50-member \$1M education nonprofit by spearheading organization-wide projects, managing international teams of US and Chinese volunteers, and launching 3 new educational conferences for 15K+ Chinese high school attendees
- Pivoted conference strategy from in-person to remote during the initial phases of COVID-19, maintaining engagement and revenue across 250+ international volunteers and 15K+ attendees

EF Education First

Boston, MA

EF360 Global Management Intern

May 2019 – Aug 2019

- Synthesized research findings and delivered optimizations for 12 hotel properties to VP of marketing and sales development
- Developed generalized linear models in R and Python to predict and optimize operating costs and NPS

EDUCATION

HARVARD COLLEGE, Bachelor of Arts (Statistics, Secondary in Computer Science)

May 2021

Awards: Schwarzman Scholarship (2021), Harvard Kennedy School SICI Winter Fellow (2021), Harvard Pareto Fellow (2018)

Activities: GSE Innovation and Ventures in Education (Tech Director), Students of Queer Identities in STEM @ Harvard (Founder, President), Harvard Data Analytics Group (Case Team Leader), Harvard College Consulting Group (Case Team Leader)

ADDITIONAL INFORMATION

Programming Languages: Python (PyTorch, Tensorflow, Matplotlib, Scikit-learn), R, SQL, Java, JavaScript (TypeScript), React

Technical Skills: Data science, Data analytics, Statistical modeling, Google Analytics, Project management, Product management

Volunteering: Code Tenderloin (Curriculum Developer), Mission Graduates (Writing Partner Volunteer), HBS Business Analytics Program (Statistics Tutor), Out In Tech (OIT U Mentor), Harvard Gender and Sexuality Caucus (Communications Chair)

Selected Research: Shadow Market: An analysis of the private college admissions industry; Coronary Heart Disease Prediction: Predictive modeling of CV disease using GLMs