

CALEB REN

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EDUCATION

HARVARD UNIVERSITY

Cambridge, MA

Bachelor of Arts (AB), Statistics, Secondary in Computer Science

May 2021

- GPA: 3.75; Activities: Students of Queer Identities in Tech (President), Graduate School of Education Innovation and Ventures (Technology Director), Harvard Business School Business Analytics Program (R Tutor)
- Selected Coursework: Data Structures & Algorithms, Big Data & Machine Learning, Functional Programming, Computational Linguistics & Natural Language Processing, Applied Linear Algebra, Data Analysis & Politics

EXPERIENCE

IXL LEARNING

San Francisco, CA

Software Engineer

May 2021 - Sep 2021

- Contributed to high-level designs, code reviews, internationalization, and project documentation for front-end projects affecting 10M+ student and teacher users
- Implemented mobile-responsive redesign of customer self-service site using React, decreasing mobile bounce rate by >20%
- Conducted quality assurance tests for accessibility across all major operating systems, browsers, and mobile devices

VOCAL JUSTICE

San Francisco, CA

Research Specialist Intern

Dec 2020 - Jan 2021

- Generated insights and data visualizations for an early-stage education nonprofit through analysis of teacher fellowship applications using R and Python
- Designed, conducted, and analyzed user interviews using established sociology frameworks to predict demand for justice-based educational programming and generate actionable recommendations for marketing

GOLDMAN SACHS

New York, NY

Software Engineering Intern

May 2020 - Aug 2020

- Built MVP, developed product documentation, and designed onboarding flows for internal data tool used by 2000+ users
- Designed UI/UX by conducting user interviews and beta testing to identify pain points, generate user stories, and create front-end specification
- Captained team in firmwide coding competition, placing 3rd out of 100+ teams based on speed and correctness of solution

EF EDUCATION FIRST

Boston, MA

Management & Data Science Intern

May 2019 - Aug 2019

- Analyzed NPS and other BI metrics across 30+ EF tour products as sole engineer on core market development team
- Developed models for operating costs and customer return rates to propose optimizations for 12+ hotel properties

ACTIVITIES

HARVARD ASSOCIATION FOR US-CHINA RELATIONS

Cambridge, MA

President & Director of Technology

Sep 2017 - Sep 2020

- Led 50-member \$1MM nonprofit in shaping long-term timelines, identifying and executing objectives and key results, and spearheading organization-wide projects
- Directed 250+ US and Chinese volunteers and collaborated with technology, education, design, and operation teams to organize 5 global conference programs with 15K+ attendees

HARVARD COLLEGE CONSULTING GROUP

Cambridge, MA

Case Team Leader

Jan 2018 - Dec 2019

- Led 6-person team to develop entry plans for new data storage and servicing offerings for Fortune 500 tech firm
- Conducted focus groups and market analyses to determine product offerings, branding strategies, and value propositions for clients with total market capitalization of \$5.2T

ADDITIONAL INFORMATION

Technical Skills: Python (PyTorch, TensorFlow), SQL, Java, TypeScript/JavaScript, MATLAB, R, React, Adobe CC

Awards: Schwarzman Scholarship, Google CSRMP, Out in Tech Fellow, Harvard LEADS Fellow

Interests: Research, education, data science, photography, musical theater, environmental science, hiking