

Lawrence Chan

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Experience

Engineering Manager, *TriNetX, Inc.*, Cambridge, MA

Apr '25 - Present

Senior Software Engineer, *TriNetX, Inc.*, Cambridge, MA

Jan '23 - Apr '25

Software Engineer

Jun '20 - Dec '22

- Directly manages 3-4 software engineers to set expectations, mitigate issues, improve work quality, and promote strong career trajectories
- Team lead and full stack software engineer on health analytics scrum team (Java / React), providing epidemiologists insights into federated EHR data
- Represents team at engineering meetings, manages tickets, and coordinates team members to ensure smooth progress and meeting stakeholders' expectations
- Plans roadmap with stakeholders to ensure feature completeness and expediency
- Presents at stakeholder meetings regarding product architecture and functionality
- Led team through third-party vendor selection and integration for new data platform
- Leading team through organizational changes and increased backlog productivity
- Orchestrating GenAI/LLM integration implementation within the product
- Works with customers to bring RWD to support decisions in their therapeutic areas

Software Engineering Intern/Co-op, *TriNetX, Inc.*, Cambridge, MA

Jan '19 - Sep '19

- Worked as full stack developer on data visualizations to show researchers insights into regional and socioeconomic factors on real-world populations

Adoption and Success Intern, *Aledade, Inc.*, Bethesda, MD

Apr '18 - Aug '18

- Organized a competition company-wide to push healthcare providers enrolled our ACOs to improve KPIs and improve patient wellness
- Combined SQL and Tableau to generate business intelligence visualizations

Google Student Innovator, *VACO SF*, San Francisco, CA

Jul '18 - Jul '19

- Represented Google Cloud Platform and introduced its features to the university

Education

Tufts University, Medford, MA

BS, Computer Science and Community Health, Magna Cum Laude

Awards: Class of 1911 Scholarship Award (university), David Krumme Award (department)

Competitions: Winning team of Tufts Polyhack 2018 and Tufts Polyhack 2019

Project Manager, *JumboCode*

Aug '19 - May '20

- Led 10 student developers to build a school form management application

Teaching Fellow

Jan '18 - May '20

- Managed 30+ student staff providing support to 200+ students in data structures

Community

Committee Member, *City of Cambridge Participatory Budgeting*

Sept '23 - July '24

Chairperson and Volunteer, *Boston Chinatown Neighborhood Center*

Jan '22 - July '24

President, *The Sharewood Project*, Malden, MA

Jan '17 - Jan '19

- Oversaw undergraduate operation of free, student-run clinic for low-income individuals in a local neighborhood, serving hundreds of patients annually

Skills

Proficient in: Java, JavaScript (with React), Python, Cypress, C++, Mongo, Go, Shell

Familiar with: Terraform, GitLab CI, AWS, Rust, SQL, C, REST, Jenkins, Tableau, LATEX