

Lawrence Chan

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Education

Tufts University, Medford, MA

exp. graduation

BS/BA, Computer Science and Community Health, GPA: 3.69 / 4.00

May 2020

Relevant Courses: Programming Languages, Databases, Algorithms, Machine Structure, Data Structures, Discrete Mathematics, Calculus II, Biostatistics, Epidemiology, Hospital Systems, Global Health, Community Health Research Methods, Healthcare in America, Biology

The Academy for Allied Health Sciences, Scotch Plains, NJ

June 2016

Experience

Project Manager, *JumboCode*, Medford, MA

Aug '19 - Present

- Leading 10 student developers and designers to build an application for the South Florida Jewish Academy, a nonprofit K-12 school for students with special needs

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

Jan '19 - Present

- Full stack developer (Java / JavaScript with React) and member of analytics agile team, working on data visualizations to show researchers and epidemiologists insights into regional and socioeconomic factors on real-world populations
- Working daily with patient privacy, permission logic, user experiences, and testing
- Participating in standup, grooming sessions, sprint planning and sprint demos

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

Jul '18 - Jul '19

- Represented Google Cloud Platform and introduces its features to the university
- Collaborated with other Student Innovators to plan demonstrations, events, and career opportunities for fellow students

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

Apr '18 - Aug '18

- Organized a competition company-wide to push health care providers enrolled our ACOs to improve KPIs and improve patient wellness
- Created training curriculums and guides for onboarding staff in data analytics
- Combined SQL and Tableau to generate business intelligence visualizations

Teaching Fellow, *Tufts University*, Medford, MA

Jan '18 - Present

- TF for Data Structures and Introduction to Computer Science, taught in C++
- Writes testing programs with Python and Shell for homework grading
- Plans and writes assignments for students enrolled in the course
- Administers office hours and labs, explaining concepts and assisting students

Resident Assistant, *Tufts University*, Medford, MA

Aug '17 - Dec '18

- Coordinated activities for residents, resolves conflicts within the hall, and ensures safety of all students in the residence area

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 with over 90 practitioners, medical school students, and volunteers
- Managed operation of student committees dedicated to the Tufts and surrounding community – the largest student-run health organization at the university

Skills

Proficient in: C++, Java, Python, JavaScript (with React), C, Shell, Assembly

Familiar with: SQL, REST, Jenkins CLI, Mongo, STATA, Tableau, LATEX, Scheme, ML

Other: Certified EMT, Conversational Cantonese, Violin, Erhu