

EDUCATION

Georgia Institute of Technology | August 2018 – August 2021

Masters of Science, Computer Science

Relevant courses:

- Knowledge Based Artificial Intelligence
- Machine Learning
- Human Computer-Interaction
- Data Analytics and Security

University of California, Berkeley | June 2012 – August 2016

B.A. Operations Research & Management Science, B.A. Public Health

Relevant courses:

- Structure, Interpretation of Computer Programs
- Data Structures
- Probability Theory
- Data Computing

EXPERIENCE

Software Engineer | August 2019 – Present

Relativity, Chicago, IL

- Build and maintain high availability services that form the platform's authentication system.
- Develop and enhance centralized authentication system used by shared services.
- Build out CI/CD pipelines to easily validate and deploy code to our services in Kubernetes.

Software Engineer | September 2016 – July 2019

Omnicell, Mountain View, CA

- Implement core software features to compliment and streamline the workflows of nurses and pharmacists.
- Create unit and integration tests to test deliverables and determine root cause analyses.
- Design and develop microservices based on business needs and requirements.

PROJECTS

StrikeSim (SIGMA)

UC Berkeley, IEOR 131 (Simulation); view: strikesim.com

Designed a model that simulates strikes in a ride sharing economy to better understand the optimal time for drivers to strike and the profit implications of a strike for ride sharing companies.

Massdeck (Meteor)

LA Hacks 2016

Created a crowd sourced music playlist that monitors popularity of songs by utilizing Meteor, MongoDB, and the Youtube and Youtube Search API.

Editor (Java)

UC Berkeley, CS 61B (Data Structures)

Designed and developed from scratch a simple text editor with backspace and arrow key capabilities, font size changes, undo/redo functions, and printing current position of text.

ChickTech Database (MS Access, SQL)

UC Berkeley, IEOR 115 (Databases)

Created a relational database for a nonprofit called ChickTech to improve the distribution of participant, volunteer, and employee information across all channels.

TECHNICAL SKILLS

Proficient/Familiar

Languages: Python, Java, C#, C++, SQL, VFP, HTML, CSS, JavaScript

Other: Agile (Scrum), Visual Studio, SIGMA, AMPL, R, Git