

SKILLS

- **Languages:** Python, TypeScript/JavaScript, Java, C/C++, SQL, HTML/CSS, Shell, Kotlin, R, Haskell
- **Technologies & Frameworks:** React, Django, Flask, PostgreSQL, AWS Ecosystem, Docker, MongoDB, GCP
- **Disciplines:** Backend Systems Design, Web Development, Application Performance Monitoring, Predictive Modeling

WORK EXPERIENCE

- **Full-Stack Software Engineer** Boston, MA
Jellyfish *Jun 2020 - Present*
 - First intern at a small startup in Boston working to create an engineering management platform that focuses on strategic alignment. Consistently exceeded expectations as a software engineer, and helped them grow from a Series A to a Series C startup over the course of a year and a half. Signed a full-time offer in *July 2021*.
 - Leading research and product initiatives to develop backend infrastructure and frontend components to ingest, analyze, and visualize the languages that teams of programmers write with.
 - Developing core product features to show engineering managers how their teams KPIs change over time to draw attention to how key dates and events affect engineering teams performance.
- **Data Science Internship** Cambridge, MA
Sense *Jun 2018 - Aug 2018*
 - Completed my first technical internship writing statistical models to analyze home energy consumption data.
 - Created and trained predictive models using machine learning algorithms to show how Network Device Interfaces affect idle load consumption in American households.

LEADERSHIP EXPERIENCE

- **Organization Co-Founder** Champaign, IL
Illinois Labs *Jan 2021 - May 2022*
 - Co-created an organization dedicated to providing open-source academic and productivity software for students.
 - Provided tools and built web services targeted towards the UIUC student body, such as an application for students to share study spots with their peers.
- **Research & Development Team Lead** Champaign, IL
Founders: Illinois Entrepreneurs *Aug 2019 - Dec 2021*
 - Responsible for the recruitment and training of young student developers. Orchestrated workshops in web development best practices, technical interview tips, and how to work well in collaborative engineering teams.
 - Flagship projects include the UIUC Startup Directory, the *Entrepreneurship @ UIUC* discord community (with over 300+ members), numerical analysis on recruitment data, and design enhancements to the organization's brand.
- **Head Course Assistant & Tutor** Champaign, IL
CS 125: Introduction to Computer Science *Jan 2020 - Dec 2020*
 - Developed quick Java execution toolkits and web infrastructure for React-based chat components.
 - Managed over 100 course staff for UIUC's Intro to CS class, and helped students with problem sets, projects, etc.

EDUCATION

- **University of Illinois at Urbana-Champaign** Champaign, IL
Bachelor of Science in Statistics & Computer Science *GPA: 3.6*
- **Relevant Coursework:** Programming Languages & Compilers, Data Structures, Algorithms & Models of Computation, Computer Architecture, Computer Systems, Database Systems, Numerical Methods, Statistical Modeling, Computational Statistics, Multivariable Calculus, Differential Equations

PROJECTS

- **Tropic Spins Yo-Yo Company:** A small business that created and sold high-end yo-yos to wholesale retailers.
- **KTeach:** A programming assignment auto-grader for the Kotlin programming language, for use in college classes.
- **UIUC Startup Directory:** An online directory of active startups created by UIUC entrepreneurs.