

Davis Keene

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EDUCATION

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

Champaign, IL

B.S. Statistics and Computer Science (May 2023)

- GPA: 3.93 / 4.00 (**Dean's List**)
- Relevant Coursework: System Architecture, Data Structures, Discrete Structures, Software Design Studio, Database Systems, Applied Linear Algebra, Statistics & Probability (I & II), Joyful Kotlin, Multivariable Calculus
- Extracurricular Activities: Illinois Labs, Founders: Illinois Entrepreneurs, ACM, SigPWNy, Tennis

SKILLS

- Programming Languages: Python, Java, Kotlin, C++, Javascript, HTML/CSS, Shell, SQL
- Disciplines: Object Oriented Programming, Responsive Web Design, GNU/Linux, ROS, Predictive Modeling, REST
- Utilities: Git, AWS, Heroku, GCP, Firebase, Django, NumPy, Pandas, Matplotlib, Docker, React, MongoDB

PROFESSIONAL EXPERIENCE

JELLYFISH, Boston, MA

Software Developer Intern, May 2020 – Jan 2021

- Worked on the dev team of a growing startup building a platform that draws insights from engineering signal data.
- Full stack developer contributing to the Jellyfish web application to handle the nightly data refresh process and data ingestion, frontend web design, new feature research, and reactive bug fixes.

SENSE LABS INC., Cambridge, MA

Data Science Intern, Jun 2018 - Sep 2018

- Utilized Python data science tools to create advanced visualizations of home energy data consumption.
- Created and trained predictive models using machine learning algorithms to show how all Network Device Interfaces (devices that connect to the internet) affect idle load consumption in American households.

LEADERSHIP

ILLINOIS LABS, Champaign, IL

Co-Founder, Jan 2021 - Present

- Co-created an organization dedicated to providing open source academic and productivity software for students.
- Our mission is to provide tools and services to the UIUC student body that will benefit the community; smart schedule generators, course review dashboards, etc.

FOUNDERS: ILLINOIS ENTREPRENEURS, Champaign, IL

Research and Development Lead, Sep 2019 - Present

- Responsible for recruiting and managing a team of talented developers to create software that provides value to the UIUC startup community, and for organizing events like Forge and Startup Bootcamp.
- Leading project initiatives to re-design the Founders website and provide a lookup directory for startups on campus.

CS 125 @ ILLINOIS, Champaign, IL

Course Developer & Head CA, Jan 2020 – Present

- Developing quick Java execution toolkits and full-stack services for React-based chat components.
- Managed over 100 course staff for UIUC's Intro to CS class, helped students with problem sets and projects.

AWARDS

- RIT Computing Award, AP Scholar w/ Distinction, National Honor Society
- 3rd Place: Mathworks MATLAB Coding Competition, Top 10%: Mathworks Math Modeling Challenge
- Speaker at High School Graduation Ceremony, FTC Robotics MA State Champions

PROJECTS

- KTeach: An online classroom to learn Kotlin. Created a Kotlin unit testing suite and fully responsive web application.
- Personify: A Spotify Recommendation Engine that ranks songs by how similar songs are to your music taste.