SALONI VAISHNAV

Plainfield, IL • (630) 699-4620 • saloni.vaishnav01@gmail.com • saloniv.me

Education

M.C.S. in Computer Science   August 2024 – May 2025
University of Illinois Urbana-Champaign

B.S. in Computer Science   August 2021 – May 2025
University of Illinois Urbana-Champaign   GPA: 3.98

Relevant Coursework

Data Structures and Algorithms, Database Systems, Distributed Systems, Communication Networks, Cloud Computing Applications, User Interface Design, Ethics and Professional Conduct, Artificial Intelligence, Computer Security, Operating Systems

Professional Experience

Atlassian, *Software Engineering Intern*   May 2024 – August 2024
- Worked on adding pull request labels, a highly requested feature, into Bitbucket Cloud's pull requests using React and Typescript
- Incorporated new database models and endpoints into the Bitbucket Cloud API with Python's Django to support the feature
- Implemented other fixes to both the frontend and backend of Bitbucket Cloud to support the team's projects

University of Illinois Urbana-Champaign, *Course Assistant*
- CS 124 (Intro to Computer Science) Honors: managed teams of freshman through a sprint-based project (August 2022 – current)
- CS 222 (Software Design Lab): managed teams in a project, focusing on software development best practices (Jan 2024 – current)
- CS 361 (Probability and Statistics): Aided students in course concepts and graded homework (August 2022 – May 2023)

Citi, *Summer Analyst- Software Development Track*   June 2023 – August 2023
- Migrated cloud providers for a multitude of critical microservices owned by the Branded Cards Middleware Teams
- Created automation and validation scripts to streamline the migration process
- Undertook a side project to develop a full-stack database visualization project from scratch using SQL and Java Spring Boot

Anderson's Toyshop, *Sales Associate*   June 2021 – August 2021
- Provided assistance and information to customers of all ages seeking our products
- Operated the POS systems and maintained the floor through cleanup and restocking

Projects

The Book App   Aug 2023 – Dec 2023
- Implemented a creative and user tested mobile application interface in SwiftUI for a swipe-based book sharing app
- Followed through a full product development life cycle with user research and feedback to develop a strong design for the app

safelyLA   Jan 2023 – May 2023
- Utilized advanced MySQL queries and JavaScript libraries to create a full stack web application that allows users to plan safe trips to downtown Los Angeles based on crime statistics
- Employed the Google Maps API for a more interactive feature of the web app.

Does Technology in Teen Dramas Impact How Viewers use Technology?   August 2022 – Dec 2022
- Collaborated on a research project focusing on Human Computer Interaction and Usable Security and Privacy
- Utilized Python libraries to scrape and collect information about television shows directed towards teen audiences
- Created and displayed detailed visual representations and crafted hypotheses based on these findings

RoomHub Roommate App   June 2022 – current
- Developed an IOS application in SwiftUI with a team of 4 that provides solutions to common roommate needs in one place
- Created an API and database from scratch to store app data using Python Django and MySQL and connected it to a Swift frontend

Spotify 'Library'   July 2022 – current
- Designed a user facing web app using React.js to display the users top Spotify statistics as a physical library image
- Implemented OAuth to connect to the Spotify API using Node.js to allow users to sign in and authenticate their login information

Full Stack JavaScript Nanodegree   May 2022 – August 2022
- Created a backend Image Processing API using Node.js, PostgreSQL and Typescript to store and modify images
- Developed a frontend single page web application using Angular and Bootstrap that mimicked a storefront webpage
- Deployed a full stack application utilizing AWS Elastic Beanstalk and Amazon S3

Activities

Women in Computer Science, Mentoring Committee (1 yr), Social Co-Chair (1 yr), Infra Committee (1 yr), Infra Co- Chair   Sept. 2021 – current
Reflections | Projections, Operations and Corporate Committees (1 yr), Co-Director (1 yr), Advisor (current)   March 2021 – current
CS Student Ambassadors/Research Scholars (**CS STARS)**, Leader and Student Researcher   August 2022 – Dec 2022
Hackillinois, Experience Team   Sept. 2022 – Feb 2023

Honors and Awards

Wendell Milliman Scholarship Recipient, 2021, 2023
Grainger College of Engineering Dean's List, 2021, 2023
Women in Computer Science Code-Ada Hackathon Judge's Choice Winner, October 2021
National Merit Scholarship Finalist, 2021

Skills

Languages: Python, JavaScript, C, C++, SQL, HTML/CSS, Java, Swift   **Frameworks:** Git, React.js, Angular, Spring Boot, Figma, Django