

SALONI VAISHNAV

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

Education

M.C.S. in Computer Science University of Illinois Urbana-Champaign	August 2024 – May 2025
B.S. in Computer Science University of Illinois Urbana-Champaign	August 2021 – May 2025 GPA: 3.98

Relevant Coursework

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

Professional Experience

University of Illinois Urbana-Champaign, Course Assistant	
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Migrated cloud providers for a multitude of critical microservices owned by the Branded Cards Middleware TeamsCreated automation and validation scripts to streamline the migration processUndertook 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
<ul style="list-style-type: none">Provided assistance and information to customers of all ages seeking our productsOperated the POS systems and maintained the floor through cleanup and restocking	
Codinu, Teaching Assistant	July 2019 – Dec. 2020
<ul style="list-style-type: none">Instructed groups of 10-20 students on the basics of Python and Scratch, and led technical and unplugged lessons on CS principlesGuided students aged 7-17 to develop and fine-tune their knowledge in codingProvided individualized support, troubleshooting, and conceptual clarification during both summer camps and evening classes	

Projects

The Book App	Aug 2023 – Dec 2023
<ul style="list-style-type: none">Implemented a creative and user tested mobile application interface in SwiftUI for a swipe-based book sharing appFollowed 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
<ul style="list-style-type: none">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 statisticsEmployed 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
<ul style="list-style-type: none">Collaborated on a research project focusing on Human Computer Interaction and Usable Security and PrivacyUtilized Python libraries to scrape and collect information about television shows directed towards teen audiencesCreated and displayed detailed visual representations and crafted hypotheses based on these findings	
RoomHub Roommate App	June 2022 – current
<ul style="list-style-type: none">Developed an IOS application in SwiftUI with a team of 4 that provides solutions to common roommate needs in one placeCreated 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
<ul style="list-style-type: none">Designed a user facing web app using React.js to display the users top Spotify statistics as a physical library imageImplemented 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
<ul style="list-style-type: none">Created a backend Image Processing API using Node.js, PostgreSQL and Typescript to store and modify imagesDeveloped a frontend single page web application using Angular and Bootstrap that mimicked a storefront webpageDeployed a full stack application utilizing AWS Elastic Beanstalk and Amazon S3	

Activities

Reflections Projections , Operations and Corporate Committees (1 year), Co-Director (1 year), Advisor (current)	March 2021 – current
Women in Computer Science , Mentoring Committee (1 year), Social Co-Chair (1 year), Infrastructure Committee (1 year)	Sept. 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