SALONI VAISHNAV

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Education

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

Relevant Coursework

Data Structures and Algorithms, System Programming, Artificial Intelligence, Database Systems, Probability and Statistics for Computer Science, Discrete Structures, Linear Algebra with Computational Applications, Numerical Methods I

Skills

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

Professional Experience

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
- Undertook a side project to develop a full-stack database visualization project from scratch using SQL and Java Spring Boot

Citi Early ID Leadership Program
Global Consumer Technology Track   Feb. 2022 – March 2022
- Participated in Technical Trainings on topics including Cloud, Data Analytics, and AI
- Networked and learned about the software industry though the mentorship of a Citi employee

Anderson's Toyshop
Sales Associate   June 2021 – August 2021
- Communicated information about products with customers of all ages
- Operated the POS systems and maintained the floor through cleanup and restocking
- Assisted team members in providing accommodations and guidance to customers

Codinu
Teaching Assistant   July 2019 – Dec. 2020
- Instructed students on the basics of Python and Scratch, and led both technical and unplugged lessons on CS principles
- Guided students aged 7-17 to develop and fine-tune their knowledge in coding
- Provided individualized support, troubleshooting, and conceptual clarification during both summer camps and evening classes

Projects

safelyLA   Jan 2023 – May 2023
- Project for Databases class that utilized advanced MySQL queries and JavaScript libraries to create a full stack web application
- Combined Los Angeles crime data as well as new user data to create an app that allows users to plan safe trips
- Utilized 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
- Participated in 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
- Worked with a team of 4 to develop an IOS application that provides solutions to common roommate needs in one place
- Created an API to store user and app data using Python Django and MySQL and connected it to a Swift frontend

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

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

**Reflections	Projections**, Operations and Corporate Committees (1 year), Co-Director (current)	March 2021 – current
Women in Computer Science, Mentoring Committee (1 year), Social Co-Chair (1 year)	Sept. 2021 – current
CS Student Ambassadors/Research Scholars (**CS STARS),** Leader and Student Researcher	August 2022 – Dec 2022
CS 361 (Probability and Statistics), Course Assistant	August 2022 – current
CS 124 (Intro to Computer Science) Honors, Course Staff and Project Manager	August 2022 – Dec 2022

Honors and Awards

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