Asha Ivey

Software Developer

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Education

University of Illinois at Urbana-Champaign (UIUC) | Bachelor of Arts
Linguistics, Computer Science Minor

Languages and Technologies

Most Experience: Python, Java, JavaScript, HTML, CSS
Moderate Experience: C#, React.js, Android Studio
Some Experience: SQL, C++, Node.js, Cloud Services (e.g. Google Cloud Platform)

Programming Experience

Chary | Full-stack Developer (Personal Project)
Aug 2022 - Present
- A budgeting application that keeps track of a user's budgets, expenses, and earnings
- Created using Python, Flask, Javascript, HTML, and CSS. Also used Google Cloud Platform services, Chart.js, and Google Sign-In Authentication

Pokémon TCG Deck Builder | Full-stack Developer (Course Project)
Jan 2021 - May 2021
- Collaborated to design and build an app using Python, HTML, CSS, and Google Cloud Platform's mySQL database.
- Designed an SQL database system with stored procedures, triggers, and indexing.

Google | Student Training in Engineering Program (STEP) Intern
May 2020 - Aug 2020
- Collaborated to create a web app that allows multiple users to collaboratively search for restaurants, finding restaurants based on the users' locations and preferences, updating in real-time using Socket.io.
- Developed using Javascript, HTML, CSS, Express.js, and Google Places APIs.

Google | Engineering Practicum (EP) Intern
May 2019 - Aug 2019
- Worked with the Android Authentication team to develop an experimental entry point for device pairing and data transfer when setting up a new Android phone.
- Implemented a new out-of-band authentication method for pairing devices.
- Programmed with Android Studio and Java, and designed unit tests using Mokito, Roboelectric, and Google-internal testing technologies.

Google, Computer Science Summer Institute (CSSI) | Program Participant
Jul 2018 - Aug 2018

- Learned Python, Javascript, HTML, and CSS through a project-driven boot camp taught by Google engineers.
- Developed a web app that helps users track energy usage and savings over time, and deployed using Google App Engine.

Leadership Experience

Women in Computer Science (WCS) | General Member, Social Committee Member
Jul 2018 - Aug 2018

- Taught Web Development for Chictech, an overnight outreach retreat for high school girls interested in CS.
- Volunteered with Girls Who Code, teaching web development basics.
- Organized fundraisers and social events as a Social Committee member.

New Student Programs, UIUC | Orientation Leader
Jul 2018 - Aug 2018

- Took a semester-long course on interpersonal communication and self-awareness to better lead students with a variety of cultural backgrounds and experiences.
- Welcomed international students to UIUC during an extended orientation period before the start of the semester.
- Held campus tours, hosted several events, answered questions, and more to help new students get used to life on campus.

Other Employment

Club Demonstration Services (CDS) | Product Demonstrator
Jul 2023 - Present

- Performed sales talks on the floor about various products, and demonstrated how the product works and/or how to prepare it.
- Demonstrated good customer service and knowledge about products by answering members' questions.
- Cooked and handed out samples, kept table sanitized, and followed food safety protocols

Mulata Kitchen + Coffee | Line Cook
Jul 2022 - May 2023

- Filled catering orders, cooked entrees, memorized recipes, prepped fillings for empanadas, soups, salads, desserts, etc.
- Washed dishes, and cleaned kitchen.