

Sarah Xie

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Availability: January - June 2022

EDUCATION

Northeastern University, Boston, MA

Sept. 2020 - Present

Khoury College of Computer Sciences

Expected May 2024

Candidate for Bachelor of Science in Computer Science, Minor in Interaction Design

Honors: Dean's Scholarship

Relevant Courses: Algorithms & Data | Computer Systems | Object-Oriented Design

Fundamentals of Computer Science 1 & 2 | Discrete Structures | Database Design

River Hill High School, Clarksville, MD

Sept. 2016 - May 2020

Relevant Courses: Advanced Placement (AP) Computer Science A | Principles of Java | AP Calculus AB & BC

COMPUTER KNOWLEDGE

Languages: Proficient: Java | SQL | HTML | CSS | Dr Racket

Familiar: Javascript | Python | C | C#

Systems: MacOS X | Windows

Applications: Eclipse | IntelliJ | MySQL Workbench | SQLite | GitHub | Visual Studio | Adobe XD | Figma | Excel

PROJECTS

Various Computer Projects

Sept. 2020 - July 2021

- Pair-programmed games such as Mastermind, Flood It, Maze, and an Image Processor using Java
- Utilized object-oriented design to individually develop a game of Freecell using Java
- Developed a website used to monitor/store information regarding users and clothing products sold for an online store using Java, Javascript, HTML, SQL, and CSS

Websites For Design Courses

July 2021 - Nov. 2021

- Created a website using HTML, CSS, and Javascript to comment on a rising issue of major corporations not disclosing dangerous chemicals (PFAS) in their ingredient lists for cosmetics
- Designed a website prototype using Adobe XD to educate users about greenwashing within the fashion industry

The Discovery Program Database Application

June 2019 - March 2020

- Designed and developed a relational database and querying user interface prototype to track candidate information for the JHU APL Discovery Program utilizing SQL and C#

EXPERIENCE

Johns Hopkins University Applied Physics Laboratory ASPIRE Intern, Laurel, MD

June 2019 - March 2020

- Designed and developed a database to track candidate information for The Discovery Program utilizing SQL
- Developed a user interface prototype for the database utilizing C#
- Documented functional requirements to ensure the application meets user needs

Hot Pot Hero Waitress, Ellicott City, MD

Dec. 2019 - Aug. 2021

- Responsible for taking orders and serving customers
- Received phone calls, helped kitchen staff with setup/cleanup, translated for customers/coworkers

Bengong's Tea Cashier/Barista, Ellicott City, MD

July 2021 - Aug. 2021

- Serviced and communicated with customers
- Assembled and decorated various drinks, and assisted kitchen staff with setup and cleanup

INTERESTS & VOLUNTEER WORK

Interests: Art | Cooking | Community Service | Swimming | Hiking

Volunteer Work: Holy Cross Hospital NICU and Acute Therapy | Johns Hopkins Bayview Medical Center Bariatrics