

# Sarah Xie

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

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 I & 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

## VOLUNTEER WORK

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