

Sylvia(Xilin) Wu

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🎓 Education

Columbia University

Master of Science in Computer Science

Courses: AI, Advanced Software Engineering, Natural Language Processing, UI Design, Database, Machine Learning

New York, NY

Sep 2021 - Dec 2022

University of Washington

Bachelor of Science in Informatics-HCI

GPA: 3.89/4.0, Dean's List

Seattle, WA

Sep 2016 - Jun 2020

Courses: Computer Programming, Client-Side Web Development, Server-Side Web Development, Data Structures and

Algorithms, Database Management Systems, Data Analysis(SPSS), Information Systems Analysis, Project Management, Human

Centered Design, Visual Information Design Mobile Application Design, Game Design, User Research

💼 Professional Experience

Antra

React Developer

Remote

Dec 2022 - Feb 2024

- Designed comprehensive user personas, user journeys, and wireframes to guide the design process and ensure alignment with user needs.
- Developed a responsive web application using Javascript and React.
- Generated reusable code/logic through reusable components and HOC, and recycled design patterns with SASS.
- Created industry-leading User Experience through design and development of the product.
- Collaborated closely with other designers, developers, and product managers to ensure seamless integration of design and development processes.
- Participated in code reviews and other collaborative activities.
- Worked with Git for version control and following the Agile methodology.

Belikewatr, Spreading Climate Change Awareness

Web Developer

New York, NY

June 2022 - Feb 2023

- Utilized WordPress, HTML and Javascript for website renovation and remodeling.
- Designed and developed data visualization and interaction for rising awareness of global climate changes.
- Created a smooth interaction experience for users of the website to explore facts, news and data in one place.
- Customized and implemented new database structures.

Amazon China

Software Developer Intern

Shanghai, CN

June 2022 - July 2022

- Used Springboot to build a high-availability, distributed and high-concurrency system for Amazon.
- Minimized server-request overflows for Amazon servers to better withstand holiday sales rush.
- Achieved 200k concurrent computations on every single processing unit, and supported more than 1m hits total.
- Utilized Springboot for client, backend and management development, then designed and managed databases.
- Optimized the system by separating the database layer for reading and writing.
- Introduced message queues and caches for the service layer to decouple the system.
- Conducted multiple pressure tests to observe the changes in performance before and after optimizations.
- Studied and practiced Springboot's full-stack development to reduced system operating pressure.

Bilibili Inc.(Nasdaq:BILI)

Product Manager and Designer Assistant at Maoer

Shanghai, CN

July 2020 - Aug 2020

- Designed the recommendation principles for the live-stream feature.
- Created UI/UX improvements for the live-stream interfaces.
- Conducted usability tests on the mobile and web version of the product.
- Conducted user researches and market researches.
- Wrote professional design documents and product log.
- Collaborated with my supervisor and staffs and supervised the project progress to release the updates weekly.

🛠 Skills

Development: Java, Python, React, HTML, JavaScript, CSS, Shiny, R, Agile Methodologies, WordPress, GO, Docker, HTTP, NodeJS, SQL, NoSQL, MySQL, MongoDB, API, AWS, Firebase, Tensorflow, Pytorch, Pandas, JSON, AngularJS

Design: Photoshop, Illustrator, After Effect, Marvel, Sketch, Tableau, Figma, Assembly

Abilities: Product Management, Project Management, UI/UX Design, Data Visualization, Software Testing and Debugging

Language: Mandarin, French