

Shijia Zheng

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Education

University at Buffalo
Buffalo, NY
Computer Science B.A.
Game Studies Certificate
GPA 4.0

Awards/Honors

Dean's List

Relevant Coursework

- Systems Programming
- Data Structures
- Web Applications
- Human-Computer Interaction
- Computer Security
- Data Models and Query Language
- Computer Systems Administration

Skills

- Programming
 - Python
 - Typescript/Javascript
 - Scala / Java / Kotlin
 - C
 - C#
 - MySQL
 - X-query
 - Unit Testing
 - REST API
 - HTML / CSS / AJAX
 - WebSockets
 - React / React Native
 - Flask
 - Django
 - Docker
 - Angular
- Software
 - Microsoft Office
 - Adobe CC
 - Unity
 - Android Studio
- Graphic Design
 - Web Design
 - UI/UX Design
 - Print Design
 - Logo Design
 - Digital Illustration
- Languages
 - English
 - Mandarin Chinese

Projects

SPAC Research Android App

Developed with Android Studio and Kotlin. The app displays information pertaining to SPAC stocks such as current volume, average volume, and pricing. Information on SPACs are pulled from a public Google Sheets using an API. This project was done with a group. I was in charge of setting up SQLite for saving SPACs, the UI, and specific pages of the app.

Social Media Site

Developed with Javascript, Python, and Django. A social media site focusing on full-stack development. Worked with a group to create a site with user accounts, authentication, real-time feed updates, post voting, and direct messaging. I was mainly in charge of setting up the server and WebSockets on the backend, as well as authentication.

Story Sharing Site

Developed with React and a REST API developed by Prof. Hunt. A site that focuses on frontend development and UI/UX design. Worked with a group to create a site that allowed users to share stories, and allow other users to write continuations to the shared story, featuring a voting system that determines the best continuation to append to the story. I was mainly in charge of the site design, and specific pages of the app.

Work Experience

Web Developer - Vimby Group

November 2021 - Present

Developed full-stack features for the new web platform for Mobile Text Alerts. Used Typescript to code the website. The front-end was developed with React, and the back-end was developed with Node. Contributed to UI design inputs for the website.

Front-End Developer - National Science Foundation

August 2020 - June 2021

Developed and designed the front-end of an NSF project known as OneDataShare. Used React and Material UI to make the site responsive and user friendly. Used the project's REST API to make HTTP requests to the server.

Web Development Intern - Technical Consulting and Research, Inc.

June 2020 - September 2020

Used Wordpress to develop the front-end of the company's website to be user friendly and responsive for mobile views.

Teaching Assistant - University at Buffalo

January 2021 - June 2021

Assisted students in a Web Applications course in developing skills needed for web development programming. Graded assignments for the professor.