

Yaoyi (Betty) Wang

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

EDUCATION

Northeastern University	MS Computer Science	<i>Sep 2023 - Present</i>
Core Courses: Intensive Foundation of Computer Science, Discrete Structures, Data Structures and Algorithms, Object-Oriented Design, Web Development		
Beijing University of Technology	BA English Language and Literature (Minor in Finance)	<i>Sep 2019 - Jul 2023</i>

SKILLS

Programming Language: Python, Java, C, Javascript, Typescript

Web Development: HTML, CSS, jQuery, Node.js, Express.js, React, Web APIs

Data & Database: MySQL, MongoDB, Firebase

Tools & Workflow: Git and Github, Google Auth, Streamlit, Markdown, Vim, Command Line

PROJECTS

Full-Stack Development: Podstream - (Personal) *Dec 2023 - Jan 2024*

- Spearheaded the development of Podstream, a full-stack web application for podcast streaming, using **React**, **Node.js**, and **MongoDB**
- Integrated **Google Auth** and **Firebase** for secure user authentication, search functionality, and content management via an admin panel
- Contributed to the **front-end and back-end** development, ensuring a user-centric design and seamless server interactions.
- Deployed the application on **Netlify**, leading to an intuitive platform for users to engage with their favorite podcasts

Streamlit Development: Cosmic Explorer (Academic) *Nov 2023*

- Designed and developed Cosmic Explorer, an Streamlit-based application for visualizing NASA's astronomical data, using **Python** and Streamlit framework, adhering to **MVC** architecture and code best practices
- Integrated multiple **REST APIs** from NASA to fetch and present the Astronomy Picture of the Day (APOD), Earth imagery, and natural event data, enhancing public engagement with space exploration
- Implemented a robust unit testing suite using Python's **unit test** framework, ensuring the reliability of data models and API interactions
- Developed a feature to display daily astronomy pictures, utilizing efficient **JSON parsing** techniques to extract and present nested data structures

WORK EXPERIENCE

Overseas Operations Specialist (Freelance) - Voyager Global *(Hybrid) Apr 2023 - Present*

- Contacted 10-15 sci-fi bloggers and famous tech influencer in Europe and the US through the community operation
- Severed as one of the project executives, securing agreements with renowned science fiction professionals for content production, and finalization of the sci-fi demo, and facilitating its publication to promote *The SciFIdea Award Contest*

Seasonal Sales Associate Consultant - Swarovski *Nov - Dec 2023*

- Delivered customer service by assisting customers with purchases, inquiries, and handling returns
- Participated in visual merchandising efforts, maintaining an attractive store presentation

21 Fall Teaching Assistant - DDC Academy *Aug - Sep 2021*

- Recorded students' attendance and performance in class before and during the course, provided feedback after each course
- Served as a video editor for course archiving