

Yaoyi (Betty) Wang

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

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

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: <u>Podstream</u> (Personal)	<i>Jan 2024 - Present</i>
<ul style="list-style-type: none">Spearheaded the development of Podstream, a full-stack web application for podcast streaming, using React, Node.js, and MongoDBIntegrated Google Auth and Firebase for secure user authentication, search functionality, and content management via an admin panelContributed 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	
Front-end Development: <u>Portfolio</u> (Personal)	<i>Jan 2024</i>
<ul style="list-style-type: none">Built a personal portfolio website with React, Node.js & Express.js (App Router & Server Actions), Javascript, and styled it with CSS3, and hosted on Vercel.	
Streamlit Development: <u>Cosmic Explorer</u> (Academic)	<i>Nov 2023</i>
<ul style="list-style-type: none">Designed and developed Cosmic Explorer, a Python-based Streamlit application for visualizing NASA's astronomical data following MVC architecture and best coding practices.Integrated multiple NASA REST APIs to retrieve and showcase Astronomy Picture of the Day (APOD), Earth imagery, and natural event data, enhancing space exploration engagement.Implemented Unit Tests to ensure the reliability of data models and API interactions. Additionally, developed a feature for daily astronomy picture display using efficient JSON parsing techniques for nested data extraction.	

WORK EXPERIENCE

Overseas Operations Specialist (Freelance) - Voyager Global	<i>(Hybrid) Apr 2023 - Present</i>
<ul style="list-style-type: none">Contacted 10-15 sci-fi bloggers and famous tech influencer in Europe and the US through the community operationSevered 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 <i>The SciFIdea Award Contest</i>	
Seasonal Sales Associate Consultant - Swarovski	<i>Nov - Dec 2023</i>
<ul style="list-style-type: none">Delivered customer service by assisting customers with purchases, inquiries, and handling returnsParticipated in visual merchandising efforts, maintaining an attractive store presentation	
21 Fall Teaching Assistant - DDC Academy	<i>Aug - Sep 2021</i>
<ul style="list-style-type: none">Recorded students' attendance and performance in class before and during the course, provided feedback after each courseServed as a video editor for course archiving	