

# Jasmine Shi

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## EDUCATION

**Carnegie Mellon University**, Pittsburgh, PA

Bachelor of Science in Information System

May 2027

Relevant Coursework: Principles of Imperative Computation, Information Systems Milieux, Foundations of Software Engineering, Designing Human-Centered Software, Human information processing and artificial intelligence, Database Design and Development, Application Design and Development, Design of Artificial Intelligence Products, Interaction Design Fundamentals

## RESEARCH EXPERIENCE

**Variability Lab, Carnegie Mellon University, Research Assistant**, Pittsburgh, PA

Jan 2025 – Present

- Conducting cohesive projects in FIT prototyping under the guidance of Prof. Andrew Begel, focusing on exploring techniques for flexible and interactive technology development.

**Food Engineering, Nutrition and Biochemistry (Fenbc), Researcher**, Shanghai, China

Jun 2022 - Sep 2022

- Spent 80h cumulatively on researching and independent writing 7-page research, analyzing metabolism and health effects of nitrile, and work was accepted by FENBC
- Shi, Jiayang. "Nitrite Toxicity: Chemical Analysis, Metabolism, and Health Effects". Highlights in Science, Engineering and Technology, vol. 19, Nov. 2022, pp. 210-5, <https://doi.org/10.54097/hset.v19i.2852>

## PROJECT EXPERIENCE

**Carnegie Mellon University, Interactive Website Designs**

Jan 2025 - Present

UI/UX Designer

- Developed user scenarios and journey maps to guide the design of AI-enhanced user experience
- Created wireframes, applied human-centered design principles to create high-fidelity prototypes and final design using Figma

**Replify - AI Chat Assistant Software**

Sep 2024 - Present

Market Operations

- analyze social media performance metrics among TikTok and YouTube to refine content strategies
- Manage Discord and Telegram communities, created promotional videos for TikTok to boost brand visibility

**Carnegie Mellon University, Fundamentals of Software Engineering (17-313)**

Sep – Nov 2024

Backend Developer: NodeBB

- Collaborated with a team to enhance the NodeBB platform, focusing on user tag management features
- Development experience with a large code base, analyzed YAML files and traced symbols to implement backend logic, developed core logic for assigning default tags and ensured high code quality by passing SonarCloud checks

**Carnegie Mellon University, Fundamentals of Programming and Computer Science (15-112)**

Sep - Dec 2023

Game Developer: Slime Valley

- Developed using VSCode for 70h, applied complex algorithm to produce an interactive game
- Inspired by Stardew Valley on Steam, implemented effective UI, and all elements are original pixel-style art, and was selected for Term Project Showcase at 15112 Fall 2023

## LEADERSHIP EXPERIENCE

**Initiator & Operator of Official Account: Coldemistry, WeChat Official Account**

Sep 2021 - Jun 2023

- Composed and published original articles, designed & produced original club souvenirs
- Spend 6 hours weekly exploring chemical theories in daily to popularize scientific knowledge

**Chemistry Competition: Project Lead, WeChat Official Account**

Sep 2022 - Jun 2023

- Promoted club in preparation for the UK Chemistry Olympiad competition, achieving two golds & four silvers (combine)
- Arranged weekly seminars to practice and discuss past papers; constant encouragement and experience sharing

## SKILLS

**Software:** Google Workspace, Microsoft Office, Visual Studio Code, GitHub, LaTeX, Figma

**Computer Language:** Python, SQL, MQL, JavaScript, HTML5, CSS, C, Ruby, Ruby on Rails

**Soft Skills:** UI Design, Academic Research, Project Management, Scrum development, Event management, Performance Improvement, User Research, Wireframing, Prototyping, Journey Mapping, Information Architecture, Interaction Design