

# Zishuo Wang

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## EDUCATION

**Georgia Institute of Technology**, Atlanta, Georgia

May 2027

*Bachelor of Science in Computer Science, Threads: People and Intelligence*

GPA: 3.79/4.00

**Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Artificial Intelligence, Machine Learning, Computer Vision, Computer Systems, UI Design, Info Viz, System and Networks, Probability and Statistics, Linear Algebra

**Honors:** Faculty Honors (Fall 2024); Dean's List (Fall 2024, Spring 2025, Fall 2026)

## TECHNICAL SKILLS

**Languages & Frameworks** – Python, Java, Swift, TypeScript, HTML/CSS, React, Flutter, Dart, Google Cloud, Firebase, d3.js, AWS

**Databases & Tools** – SQL, Redis, Git, Xcode, VS Code

**ML/AI** – Pytorch, OpenCV, Prompt Engineering

## WORK EXPERIENCE

**Bloomly**, Remote, US – *IOS Engineering Intern*

Dec 2025 – Mar 2026

- Collaborated with product and ux designers to design and program a local social app within Boston
- Implemented Universal Links, Smart App Banners and Firebase Fallback Pages, enabling seamless deep-link routing from web to app and App Store, improving successful app opens from shared links by ~30–40%
- Built and deployed 5 new front-end features and improvements to the UI within 2 months

**Georgia Institute of Technology**, Atlanta, GA — *Research Assistant*

Jan 2025 – April 2025

- Investigated the emergent behaviors of LLMs in multi-agent simulations using GPT APIs, analyzing how deception, persuasion, and reasoning are used to combat potentially bad actions.
- Conducted prompt engineering to reduce hallucination and improve adherence to game rules by analyzing the game results and mind bank generated by the LLMs from 300+ simulations.

## PROGRAMMING PROJECTS

**LeetCode Visualizer | React, Three.js, Node.js, Express, MongoDB, AWS**

Jan 2026 – Present

- Built a full-stack web app that visualizes LeetCode problem activity in interactive 3D, mapping problem IDs to a grid and encoding activity volume via bar height and difficulty via color.
- Deployed the system on AWS, hosting the static frontend on S3 + CloudFront and running the backend on compute with environment-based configuration

**Currency Exchange Forum | Go, Gin, GORM, Redis, MySQL, Vue3, TypeScript, Pinia**

Dec 2025 – Jan 2026

- Developed a full-stack web application that allows user authentication, currency exchange queries, and content publishing
- Built a RESTful API backend with Go, Gin, and GORM Framework, implementing JWT-based authentication, BCrypt password hashing, role-safe access control, and automated database migrations
- Developed a responsive frontend using Vue 3, TypeScript, and Pinia, enabling state-managed authentication flows, protected routes, and dynamic data rendering from backend APIs

**Simple Money | React Native, Expo, SQLite**

Oct 2025 – Dec 2025

- Developed a mobile application using React Native and Expo framework for faster development
- Implemented flexible filters enabling category/date/price slicing with Flash Calendar, chip-based UI components to improve searchability, and integrated liquid glass design to enhance with new iPhone designs.
- Designed budget-planning flows based on heuristic evaluations with 10+ people and Figma prototypes; implemented reusable components and CRUD operations to help users track monthly category limits.

**WanderSync | Java, Android Studio, Firebase**

Aug 2024 – Dec 2024

- Partnered with a team of 5 and developed a fully functional android App with a dynamic interface and real-time database synchronization using Firebase.
- Ensured production readiness by writing 20+ JUnit tests and leveraging SonarQube to achieve 100% functionality coverage.
- Collaborated with other members in an Agile environment to develop frontend and backend features.

## ADDITIONAL SKILLS AND INTERESTS

Languages: English, Chinese

Interests: Reading, Badminton, Running, Classic Board Games (Catan), Cooking (Henan)