

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)