

Hannah Zhang

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EDUCATION

Rice University

Aug. 2022 – May 2026

Bachelor of Science in Computer Science, Minor in Business

GPA: 3.79/4.0; Houston, TX

- Coursework: Data Structures & Algorithms, Software Design, Distributed Systems, Artificial Intelligence, Computer Security, Data Science Tools, Probability & Statistics, Linear Algebra, Optimization, Strategic Management, Financial Accounting, Marketing, Organizational Leadership, Business Communication, Cognitive Psychology

EXPERIENCE

Software Engineering Intern

May 2024 – Present

Pinterest

San Francisco, CA

Ad Formats Team – Monetization Org; 2025

- Architected a modular creative overlay system for iOS, enabling advertisers to layer custom images on ad pins.
- Integrated local inventory signals into iOS ad metadata, increasing high-quality clicks from in-market pinners.
- Refactored legacy Objective-C UI into SwiftUI-based modules, improving consistency and reducing maintenance.

Visual Search Team – Core Org; 2024

- Launched iPadOS expansion of “Shop the Look” carousel, boosting engagement through increased conversions.
- Engineered an infinite-scroll landing page with segmented filters, unifying organic and shopping pins for seamless user navigation and enhanced product discovery.

Technical Product Management Intern

Jun. 2023 – Sept. 2023

Emerson Collective

Palo Alto, CA

- Built automation integrating Airtable, Okta, Salesforce, reducing 30-min workflows to under 1 min for 300+ staff.
- Directed two end-to-end product improvement cycles for the Internal Directory and Event Calendar, drafting PRDs, orchestrating cross-functional teams, and refining UX through stakeholder interviews.

LEADERSHIP

External Vice President, Team Lead, Analyst | Rice 180 Degrees Consulting

Jan. 2023 - Dec. 2024

- **2024:** Initiated partnerships with nonprofit executives (CEOs/COOs) and matched them with analyst teams to deliver actionable, tech-forward strategies.
- **2024:** Organized a case competition with Accenture; owned end-to-end operations from case design and scheduling logistics to judge onboarding and external communications.
- **2023:** Directed a team of 6 to advise nonprofits on automation and reporting workflows, creating a data reporting toolkit that increased stakeholder engagement by 20%.

Project Management Lead; Software Lead | RiceApps

Sept. 2022 - May 2025

- **2025:** Managed partnership with UTHHealth Houston to develop a mobile exercise app, enabling personalized remote care and clinical tracking for patients with inflammatory myopathies.
- **2024:** Spearheaded donor dashboard launch for United Way Houston, enhancing insights for 27K+ stakeholders.
- Led agile meetings, scoped features via Google Workspace, and coordinated delivery across design, eng, clients.

PROJECTS

Game Engine & Editor | C#, React, TypeScript, CosmosDB, ASP.NET, SignalR, Azure

Jan. 2025 - May 2025

- Organized a 40-person class project for SLB, delivering a multiplayer text-based game engine and no-code editor for interactive employee training modules.
- Designed CosmosDB schema and frontend-editor; deployed on Azure via CI/CD with blue-green rollout strategy.

Real-Time Messaging Client | TypeScript, Web APIs, JSON (AJV), HTML/CSS

Oct. 2024 – Dec. 2024

- Led a 3-person team to deliver a Slack-style web app with live post updates and full accessibility compliance.
- Managed weekly standups, assigned tasks, and ensured team delivery across backend and UI development.

TECHNICAL SKILLS

Languages: Python, Java, Go, Objective-C, Swift, TypeScript, JavaScript, C/C++, SQL, HTML, CSS

Product Tools: Jira, Figma, Airtable, Salesforce, Okta, Postman, GitHub, Notion, Google Workspace

Developer Tools: Git, VS Code, Xcode, IntelliJ IDEA, Postman, Azure DevOps, Heroku, MongoDB, CosmosDB

Technical Concepts: Agile Scrum, CI/CD, A/B testing, Experimentation, Object-Oriented Design, TDD/PRDs