XIAOLEI QIN

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EDUCATION

University of Texas at Austin, Austin, TX
M.S. Information Studies, concentrated on **HCI and UX Design**, expected May 2026   GPA: 3.89/4.0

North Carolina State University, Raleigh, NC
B.S. Computer Science, minor in Art and Design, May 2021   GPA: 3.44/4.0 (Dean's List)

PROFESSIONAL EXPERIENCE

Associate Design Engineer at Visa Inc., Austin, TX   May 2022 - June 2024
- Led the development of Nova, Visa's **React** design system library, using **HTML**, **CSS**, and **TypeScript** to streamline designer-engineer collaboration and improve UX consistency.
- Achieved industry-level accessibility (**WCAG 2.1**) compliance for Nova, significantly improving accessibility and inclusivity, in collaboration with A11y researchers.
- Authored comprehensive documentation of Nova in React and led tutorial sessions, resulting in a **50%** time reduction in onboarding time for new developers.
- Identified and implemented process improvements for VaultKey+ Design system in both **React** and **Angular**.
- Facilitated cross-functional communication and problem-solving, leading to a **30%** decrease in bug resolution time in VaultKey+.
- Provided critical support for North American and Asia-Pacific regions, successfully addressing and resolving high-priority issues in both legacy and new design systems.

Visualization (Frontend Engineer) Intern at MANN+HUMMEL, Cary, NC   Aug 2021 - May 2022
- Designed and developed a single-page application (SPA) using React + Typescript and MS Graph API, allowing leadership teams to visualize and edit datasets seamlessly.
- Reducing dependency on **SharePoint** lists and online Excel. Achieved a 50% improvement in team efficiency by implementing the new web portal.

SKILLS

Design Tools: Figma, Framer, Adobe XD, Photoshop, Lightroom, Illustrator, After Effects
Development Tools: NPM, PNPM, Homebrew, GitHub, Bitbucket, Accessibility Insights, SharePoint, Confluence (Atlassian)
Programming Language: HTML/CSS, JavaScript, Python, TypeScript, Java, C, C++, C#, and OpenGL
Frameworks: React, Angular, Vite, Astro, NextJS, REST, Express.js, Django, NodeJS, Microsoft Graph

OTHER PROJECTS

Trusty – A collective mobile news prototype that provides a trustworthy source feed. Ranked in the top 20 out of 315 competitors in the Adobe Creative Jam with the New York Times 2021.
VRcade – A set of arcade games in Unity VR (Oculus Quest) in a hackathon at Hack Reality 2021 (Remote) in Chapel Hill, NC. Won 3rd prize on the entertainment tracks.
Monitor Lizard – A scalable monitoring web app with Django and Docker that provides email notifications for anomalies. Designed dashboards and user interfaces with Figma.