

Xin Jin Qiu

Software Engineer | Queens, NY

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Technical Skills

- **Languages:** C#, JavaScript (ES6+), Java, TypeScript, Python, R
 - **Web Dev:** ASP.NET, Blazor, React, Node.js (Express), HTML/SASS, Webpack, REST APIs
 - **Databases:** SQL (SQLite, PostgreSQL) | NoSQL (MongoDB)
 - **Tools and Cloud Services:** Git/Github, BitBucket, Jira, Azure, Postman, Jest, Docker
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Work Experience

Paid Software Engineer Intern | SaberIn Software

Jan 2025 to Mar 2025

- Collaborated with a team of engineers to develop full-stack features for Audition AI using C#, ASP.NET, Blazor, and REST APIs, enhancing system responsiveness and scalability in Azure.
- Optimized database interactions with SQL, reducing data update latency by 50ms through indexing and caching, ensuring real-time updates across AI-driven workflows.
- Enhanced AI Chat accuracy by optimizing response patterns and minimizing material request errors by 25% through the integration of Semantic Kernel.
- Resolved UI and UX inconsistencies, improving AI usability and reducing user friction by 30%, leading to a more intuitive experience.
- Engineered job tracking features within a microservices architecture, boosting scalability and reducing troubleshooting time by 10 minutes per job failure through improved logging.

Volunteer Mentor and Code Reviewer | Code The Dream

Jan 2024 to Jan 2025

- Guided students in frontend development and fostered a collaborative learning environment to enhance their understanding of state management and useContext.
- Led code reviews, providing constructive feedback to promote high standards in React maintainability, performance, and security.
- Adapted teaching approaches in one-on-one mentoring sessions, tailoring explanations of functional components and React Hooks to fit different learning styles.

Software Engineer | ShieldQL (Open Source)

May 2023 to Aug 2023

- Streamlined Role-Based Access Control (RBAC), cutting integration time by 30% and boosting engineering productivity.
- Secured user data by integrating encryption libraries in Node.js with Express, enhancing protection in the REST Authentication Service and boosting user trust.
- Enhanced data management by implementing MongoDB for user account tracking, improving data organization and event tracking efficiency.

Media Systems Engineer | Stony Brook University

May 2021 to May 2023

- Boosted productivity and user satisfaction by maximizing classroom uptime by 75% through efficient troubleshooting of 160 classrooms.
 - Achieved a 25% increase in task completion and expedited customer query resolutions by implementing IT Service Management.
 - Reduced technical issues by 50% by leading a team of 6 junior employees in enhancing troubleshooting skills for classroom technologies via leadership and skill development.
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Education

Codesmith - Full Stack Software Engineering Guild

May 2023 to Aug 2023

Stony Brook University | Stony Brook, NY

Jan 2019 to May 2023

- Bachelor of Science in Applied Mathematics and Statistics