

Jason Sze

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Education

University of Illinois Urbana-Champaign <i>B.S. in Computer Science and Statistics, Minor in Mathematics</i> <i>Chancellor's Scholar, 3.81/4.00 GPA</i>	Expected Graduation May 2027 <i>Champaign, IL</i>
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Experience

IBM <i>Product Manager Intern</i>	May 2026 - Present <i>Austin, TX</i>
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Illinois Business Consulting <i>Director of Technology</i>	Jan 2025 - May 2026 <i>Champaign, IL</i>
- Leveraged Google Cloud SQL and Socket.IO websockets to build an OrgOps system for 260+ consultants - Reduced information retrieval time by 50% by building and deploying a RAG chatbot on Google Cloud Run - Led an Agile team of 9 engineers to develop an ETL pipeline for over 50 GB of proprietary data using GCS - Improved workstream efficiency by 65% by constructing an agentic AI researcher and slidedeck generator	

ELeet <i>Founding Software Engineer</i>	Jan 2025 – May 2026 <i>Champaign, IL</i>
- Developed a full-stack LeetCode plugin with 50+ active users leveraging React, Python, and PostgreSQL - Reduced AI agent latency by 300 ms by integrating Deepgram and Livekit API to simulate live interviews - Utilized Flask to implement GET and POST requests for a RESTful API that manages interview room states - Enabled real-time agentic AI code review by enabling DOM web scraping capabilities through agent tools	

SREGym <i>Open Source Software Engineer</i>	Jan 2026 – May 2026 <i>Champaign, IL</i>
- Created a unified configuration interface for a SRE Agent benchmarking platform to support various agents - Architected Kubernetes infrastructure enabling deployment across cloud clusters and emulation environments - Engineered container-isolated agent execution preventing unauthorized access to grading logic and problems - Designed multi-LLM routing system enabling seamless switching between 8+ providers without code changes	

PowerBox Technology <i>Software Engineer</i>	Aug 2024 – May 2025 <i>Champaign, IL</i>
- Constructed 3 time-series forecasting models that predicted power output for South American factories - Analyzed 300,000+ data points to identify energy usage trends and provide key insights for cost optimization - Engineered data analysis and visualization pipelines for energy consumption with a crossfunctional team - Forecasted energy usage 1 month in advance by fitting additive regression models via Python's Prophet library	

FOCAL Lab <i>Software Engineering Research Assistant</i>	Aug 2024 – Dec 2024 <i>Champaign, IL</i>
- Identified 5 key training enhancements for deep neural network models deployed in safety-critical domains - Increased accuracy of models by 4% by implementing batch normalization and hyperparameter tuning - Created 10+ data type validation rules to improve the robustness of machine learning operator pipelines	

Involvements

Anthropic – Claude Campus Ambassador	Jan 2026 – Present
- Hosted workshops and introduced 200+ students to Claude, driving a 12% growth in campus engagement - Partnered with 4 Anthropic employees to teach effective context engineering and promote AI literacy	

Technical Skills

Languages: Python, Java, C/C++, SQL (PostgreSQL), JavaScript/TypeScript, HTML/CSS, R
Developer Tools: Git, Docker, Google Cloud Platform (Google Cloud SQL, Vertex AI), AWS, Kubernetes
Concepts: Data Structures and Algorithms, Object-Oriented Programming, Database Management