

Kenny Tang

Portfolio: k3nn3e.github.io

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EDUCATION

- **University at Buffalo** Buffalo, NY
Bachelor of Science - Computer Science; GPA: 3.85 August 2022 - Present
Courses: Distributed Systems, Algorithms and Complexity, Data Model and Query Languages, Software Engineering, Intro to Computer Security, Intro to Web Apps

SKILLS SUMMARY

- **Languages:** Python, JavaScript, Java, SQL, HTML
- **Frameworks:** Vue.js, Nuxt.js, Express.js, FastApi
- **Tools:** Docker, GIT, PostgreSQL, T-SQL, OpenAI, Postman

EXPERIENCE

- **Linde plc** Buffalo, NY
Software Developer Intern May 2025 - Present
 - Built and refactored internal web tools using Vue.js, Nuxt.js, FastAPI, T-SQL, Highcharts, and Pandas to replace manual workflows and support data-driven decision making.
 - Transformed and visualized tens of thousands of data points from thousands of customers into interactive dashboards, improving productivity and enabling stakeholders to quickly interpret complex data.
 - Collaborated with internal clients and data scientists to gather requirements, fix legacy bugs, migrate Vue.js/Nuxt.js/Vuetify code to current versions, and deliver new client-requested features.
- **University at Buffalo** Buffalo, NY
Undergraduate Teacher's Assistant January 2025 - May 2025
 - Undergraduate Teaching Assistant for CSE331: Algorithms and Complexity to a class of 200+ students.
 - Conducted 2 weekly office hours to assist students with coursework.
 - Responded to student inquiries on Piazza, providing guidance on algorithms and complexity topics
- **AI Republic** Remote
Software Engineer Intern November 2024 - February 2025
 - Developed an internal forum platform to let teams receive, track, and respond to user feedback, bug reports, and business requests in a centralized interface.
 - Implemented authentication and session handling to sync OAuth login state between the company website and a Chrome extension, improving user experience and reducing repeated logins.

PROJECTS

- **Raft Consensus Implementation (Golang):** Implemented a simplified Raft consensus protocol, including leader election, log replication, heartbeats, and a replicated key-value state machine using goroutines, mutexes, channels, and UDP networking.
- **Campus Bazaar (ReactJS, ExpressJS, MongoDB, Docker, WebSockets):** Built a full-stack marketplace where users can create profiles to upload, buy, and track listed items, with a WebSocket-powered realtime feed to display newly uploaded items.
- **Down the Rabbithole (ReactJS, ExpressJS, MongoDB, Auth0, OpenAI, Bootstrap, PineconeDB):** Developed a horror story platform using RAG with horror movie scripts to automatically categorize scare levels, and integrated user authentication and a user panel for tracking submissions.
- **Google Translation Extension (Svelte, OpenAI, Bootstrap):** Developed a Chrome extension enabling translation between English and Chinese, with inline text translation on highlight and a side panel for word lookup.