

Loc Nguyen

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EDUCATION

University of Nebraska-Lincoln

Master of Science, Computer Science

Lincoln, NE

Aug 2026 — May 2027

University of Nebraska-Lincoln

Bachelor of Science, Computer Science and Mathematics

Lincoln, NE

Aug 2022 — May 2026

WORK EXPERIENCE

Graduate Research Assistant

University of Nebraska-Lincoln

Aug 2026 — Present

Lincoln, NE

- Assisting on an NSF funded project in collaboration with Cornell University to optimize software **runtime verification**

Information Services Intern

Mutual of Omaha

May 2026 — Aug 2026

Omaha, NE

- Supported modernization efforts in **Vue.js** for Sales Professional Access (SPA), utilized by **300,000+** insurance producers
- Delivered improvements in the Account Dashboard of SPA, enhancing usability for producers accessing compensation data
- Led migration efforts of 1099 Tax Documents viewing capabilities to be supported in the Compensation Dashboard of SPA

Developer Intern

Beavercreek Marketing

Sep 2025 — May 2026

Lincoln, NE

- Built a DNS record validation solution utilizing **React** to verify domain configurations for **3,000+** financial institutions
- Maintained the live Beavercreek website by deploying content changes and creating a dedicated campaign initiative page
- Engineered an internal document ingestion pipeline powered by **Docling**, enabling **RAG** retrieval of product documents

Application Developer Intern

Farm Credit Services of America

May 2025 — Aug 2025

Omaha, NE

- Led as a key contributor on a cross-functional team engineering a full-stack client-facing balance sheet web application
- Implemented a **Angular** frontend, replacing legacy systems with a more modern, intuitive, and responsive interface
- Delivered and pitched a proof of concept adopted for production due to improved speed, validation, and error handling

Software Engineer Intern

RentVision

May 2024 — Aug 2024

Lincoln, NE

- Interfaced with the **Bing Ads API** to expand KPI analytics reporting capabilities for the RentVision platform
- Migrated pages in the RentVision Platform from **JavaServer Pages** to **React**, modernizing the application's frontend
- Enhanced internal core applications by fixing bugs, adding features, improving functionality, and optimizing performance

PROJECTS

ProofWrite - Essay Authorship Verification

- Architected a frontend in React for an essay authorship tool that analyzes keystrokes and language to detect AI writing
- Winner of the **\$2,500** prize for best use of MongoDB Atlas, leveraging vector search in a multi-agent flow ([here](#))

Lexi - Web3 Language Learning App

- Contributed to the front-end design utilizing Bootstrap to create a responsive web application at Hack Midwest 2023
- Winner of the **\$2,500** Pinata Challenge for best use of the Pinata API, leveraging IPFS for Web3 file storage ([here](#))

SKILLS

- Languages:** TypeScript, JavaScript, Java, Python, HTML, CSS, SQL
- Frameworks:** Vue.js, React, React Native, Angular