

# Tyler Frisinger

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## EDUCATION

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- **University of Nebraska - Lincoln**

*Bachelors of Engineering in Software Engineering and Minor in Mathematics*

Lincoln, NE

Aug. 2022 – May. 2026

## TECHNICAL SKILLS

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- **Programming Languages:** Python, JavaScript, TypeScript, C#, Java, C, SQL, HTML, CSS

- **Frameworks & Libraries:** React, Express, Node.js, Django, Tailwind CSS

- **Tools & Technologies:** MongoDB, PostgreSQL, MySQL, Git, REST APIs, PyTorch, TensorFlow, OpenCV, LangChain

## EXPERIENCE

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- **Project Manager**

Lincoln, NE

*Nebraska College of Engineering*

August 2025 - Present

- Selected by faculty to lead three software development teams (18 students total) delivering year-long projects for external organizations, achieving 100% on-time MVP delivery.
- Guided teams in agile planning, collaboration, and stakeholder communication, improving milestone completion and client satisfaction.
- Anticipated and mitigated project risks by creating action plans and coaching teams on effective release management and documentation practices.

- **Founding Engineer**

Lincoln, NE

*TasksMinds, Corp.*

June 2025 - Present

- Architected and shipped an AI meeting assistant end-to-end (React/Next.js, TypeScript, Supabase/Postgres), integrating Google Calendar OAuth, webhooks, and incremental sync to mirror create/update/delete functionality for Google events.
- Built a release pipeline for Electron DMG Application: macOS hardened-runtime code signing with Developer ID + entitlements, notarization via notarytool/stapler, DMG packaging and auto-updates—cutting release time by 50%
- Authored investor-ready pitch decks and financials, presented to angels/seed funds and handled TasksMinds, Corp. due-diligence

- **Software Engineering Intern**

Rogers, MN

*North Star Imaging*

May 2025 - August 2025

- Helped prioritize projects using Customer-Backed Innovation practices by integrating direct customer feedback into the software planning process to better match upcoming features with real customer needs.
- Built and integrated a software module that automates magnification adjustment and object positioning using computed tomography logic and algorithms, reducing manual input and accelerating the scanning process by minutes.
- Worked on an Agile .NET development team, writing production-level C# code and performing code reviews to ensure clean, reliable, and maintainable code in deployed applications.

## PROJECTS

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- **UNO Biology Marmoset Deep Learning**

*Python*

- Designed and implemented a system for automatic analysis of marmoset behaviors using neural networks.
- Utilized DeepLabCut for pose estimation and applied convolutional neural networks (CNNs) to recognize specific behaviors.
- Leveraged transfer learning to adapt pre-trained models, enhancing efficiency and accuracy.

- **Pantry Pilot**

*Javascript, TailWind CSS, HTML, LangChain*

- Developed a generative AI nutrition and recipe tracker to help users create meals with the ingredients that they already own.
- Leveraged LangChain to accurately make food predictions from uploaded images to help generate specific recipes based on image identification.