

# Kooper Propp

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## Experience

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**Milton High School** – Milton, WI.

Mar 2024 – Sep 2024

**IT Office Volunteer**

- Collaborated with the **IT team** to develop Skymaker, integrating the **Skyward API** with the school's **FileMaker database**, streamlining **student data management**.
- Worked closely with mentors to implement features that detect **student name changes** and **invalid emails**, ensuring **data accuracy** and maintaining high standards.
- Embraced **constructive feedback** and adapted quickly to meet evolving project requirements.

## Education

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**Bachelor of Science, Computer Science. GPA: 4.00**

**Expected Graduation: June 2025**

Southern New Hampshire University – Manchester, NH.

Relevant Coursework: Programming Languages, Java OOP, C++ Program Design, Python, Web Development

## Projects

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**Lakeview Campground & Bar** – [Website](#)

Aug 2024

- Developed a **dynamic website** using **Next.js** and a **headless WordPress CMS**, incorporating team feedback for **real-time content updates**.
- Integrated **WordPress REST API** for campground details and promotions, optimizing the site to handle **30,000+ monthly visitors**.

**Nexa Database** – [Website](#)

July 2024

- Ranked **4th nationally** out of **80 teams** at the **FBLA Website Coding & Development** competition.
- Collaborated with a team to build a **responsive website** using **Next.js** and Tailwind CSS, incorporating feedback to ensure **fast load times** and a **user-friendly interface**.

**MHS Laude** – [Website](#)

Mar 2024

- Built MHS Laude with a **Next.js front end** and **Python backend**, working with advisors to improve **accuracy in transcript data processing**.
- Actively participated in **design reviews**, adapting to suggestions to improve the **laude calculation process** and ensure **reliable reporting**.

**Hamster Tracker** – [Website](#)

Dec 2023

- Developed a personal project using **Next.js** to track my hamster, **Bear's**, activity, integrating **data feedback loops** to improve performance and **user experience**.

**Milton Relay** – [GitHub](#)

July 2023

- Awarded **1st in Wisconsin** and **4th nationally** at the **FBLA Mobile App Development** competition.
- Leveraged the **Flutter framework** to create a **cross-platform app**, continuously refining it based on **team feedback** to enhance **school communication and engagement**.

**Programming Skills:** Java, JavaScript/TypeScript, Python, C++

**Technologies:** Git, React, Next.js, Tailwind CSS, Flutter, HTML, CSS/Bootstrap, Chakra UI, Firebase, MongoDB

**Interests:** Making educational [TikToks](#), hamster care, and videography