

NOAH MEDUVSKY

Software Developer

<https://github.com/noahmeduvsky>

PROFESSIONAL SUMMARY

University student seeking full time engineering role. Project experience with React, JavaScript, CSS, API integration, caching, Git/GitHub. Professional documentation experience with the Department of Defense. Managed deployment of firmware and software updates to military hardware using SSH.

EDUCATION

BACHELOR OF SCIENCE WITH A MAJOR IN COMPUTER SCIENCE-SPEC IN AI
OAKLAND UNIVERSITY: 3.59 GPA
HONORS COLLEGE
MEMBER OF THE PHI THETA KAPPA HONORS SOCIETY

Jan 2024 - Dec 2025
ROCHESTER MI

TECHNICAL PROJECTS

Lead Frontend Engineer – Pavilion Planning and Management

- Led frontend development for a city-wide pavilion booking platform, delivering responsive, accessible UI/UX using React, JavaScript, CSS Modules, and React Router DOM.
- Integrated with a .NET 7 Web API and SQL Server backend, implementing secure JWT authentication and role-based access control.
- Built core features, including pavilion search/booking, booking history, event management, and an Admin Dashboard for approvals.
- Collaborated with backend engineers to design REST APIs, managed Git/GitHub workflows, and improved UI reliability through Jest testing and validation.

Tech Stack: React, JavaScript, CSS Modules, React Router DOM, Jest, .NET 7, SQL Server, REST API, Git/GitHub

Project Lead – ColorTasker

- Led development of a collaborative, color-coded task management platform with HTML, CSS, Python, and SQLAlchemy for database integration.
- Designed core features for task creation, editing, deletion, folder organization, and deadline scheduling.
- Implemented a priority-based color-coding system to enhance visibility and productivity across teams.
- Restored and optimized user addition functionality, enabling smooth onboarding and collaboration.

Tech Stack: HTML, CSS, Python, SQLAlchemy, Git/GitHub

SKILLS

C++, Python, Java, JavaScript, HTML, Office 365, Networking, React, Version Control, UI/UX Design, Full Stack, Project Management.

RELEVANT EMPLOYMENT HISTORY

SOFTWARE ENGINEERING INTERN

May 2024 - Jul 2024

Detroit Arsenal: Ground Vehicles System Center (Software Engineering Center)

Warren, MI

- Wrote Python script to automate arduous documentation process.
- Used SSH to successfully deploy software and firmware updates to crucial project hardware.
- Led a group of interns in developing proprietary software to display CAN signals.
 - Integrated software with Raspberry Pi and Electronic Paper Display (EDP) to pull and display vital information.
- Designed and set up remote testing bench for third party contractors to test software from alternate locations.
- Conducted rigorous testing and debugging processes, ensuring software reliability and reducing error rates significantly.
- Documented my processes for future engineers and interns to use after departure.

AWARDS AND EXTRACURRICULARS

- Recognized eight times for academic achievements from Professors.
- Participated in the Lower Michigan Mathematics competition.
- Participated in the Michigan Autumn Take Home (M.A.T.H) Challenge.
- Led a diverse crew of volunteers to construct new church facilities. Coordinated with the township supervisor for project planning and code compliance. Delivered construction on time and within budget.
- Made Dean's list seven times