NOAH DUJOVNY

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EDUCATION

University of Michigan, College of Engineering, Ann Arbor, Michigan　　　　　　　**May 2026**
Bachelor of Science in Engineering in Computer Science, Physics Minor　　　　　　**GPA 3.6/4.0**
Courses:　　　Data Structures and Algorithms, Web Systems, Computer Architecture, Programming Paradigms, Statistics, Foundations of Computer Science, UI Development, Game Engine Architecture

SKILLS

Programming Languages: JavaScript, Matlab, C++, C, Python, Scheme, TypeScript, Lua
Technology: Azure DevOps, HTML, CSS, LaTeX, SDL2, Vue.js, Flask, Git, React.js, Figma
Languages: Proficient in Spanish

WORK EXPERIENCE

Zimmer Biomet: Software Engineer Intern, Grand Rapids, Michigan　　　　　　**Summer 2024**
Global medical technology leader striving to alleviate pain and improve people's quality of life
- Enhanced MyMobility, a digital care platform, by transitioning from Razor to Vue.js, improving performance, reusability, and code simplicity, which benefited software engineers and end users.
- Designed a centralized Vue component library with over 15 components, which software engineers leveraged across three websites to ensure front-end uniformity.
- Created a nine-step CI/CD build pipeline using Azure DevOps to automate testing, integration, and deployment processes, generating efficiency and ensuring consistency, enabling continuous delivery of the code.
- Developed and deployed website features directly into the production environment.

Basetis: Intern – Custom Applications Team, Barcelona, Spain　　　　　　**Summer 2023**
Information technology and consulting
- Contributed to multiple ongoing projects, including implementing features to the company website by adding API endpoints using Python to handle data requests and improve communication with the backend.
- Coded in Python and Vue.js to upgrade the client website's front and back end by adding features and performing bug fixes.
- Conducted meetings and collaborated with teammates in Spanish, which strengthened client relations, enhanced teamwork, and improved problem-solving and communication.

PROJECT EXPERIENCE

Website Development; Skills: CSS, JavaScript, HTML | iotaumich.org　　　**Summer 2023 - Current**
- Launched a live service website for the University of Michigan's professional STEM business fraternity, Iota Omega Epsilon, using HTML, CSS, and JavaScript.
- Generated and implemented responsive layouts for cross-compatibility on mobile and desktop while also utilizing JavaScript to add custom scrolling and page-loading animations to enhance user experience.

Ask485; Skills: Python, HTML, Flask　　　　　　　　　　　　　　　　　**Fall 2024**
- Built a search engine that scraped a small subset of Wikipedia pages, created an index, and ranked results using PageRank and tf-idf based on a query.

LEADERSHIP EXPERIENCE

Iota Omega Epsilon: Website Development Chair　　　　　　　　　　　**2023 - Current**
Professional STEM/Business Fraternity
- Lead a team of four to plan, build, and maintain a live service website, ensuring functionality and usability.

Oakdale Neighbors: Grant Writer, Fundraising, Volunteer, and Tutor, Grand Rapids, Michigan　　**2020-2023**
Nonprofit community development organization.