Owen Nyenhuis

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Website: https://onwyee.github.io/owen-nyenhuis/

PROFESSIONAL SUMMARY

Results-driven software developer with a strong academic background in computer science and hands-on experience in software development, web applications, and project management. Passionate about building efficient, scalable solutions and applying theoretical knowledge to real-world challenges. Strong problem-solving skills, creativity, and attention to detail. Committed to continuous learning and staying ahead in the tech landscape.

SKILLS

✓ Machine Learning	✓ HTML/CSS	✓ Affinity Designer 2	✓ Conceptualization and Layout Design
✓ C++/C	✓ Java	✓ Socket IO	✓ Object Oriented Software Design
✓ Swift	✓ SQL	✓ Office 365	✓ Computer Architecture
✓ Python	✓ App Development	✓ GitHub & Gitlab	✓ Adobe Creative Suite
✓ JavaScript	✓ Web Development	✓ Assembly Language	✓ Data Structures and Algorithms

PROJECTS

Henry Ford Health RSVP Connection Platform | January 2025 – April 2025
- o Designed and developed a web and mobile platform to foster collaborations between Michigan State University researchers and Henry Ford Health clinicians.
- o Led a team of six developers, implementing Agile methodologies to ensure consistent progress, on-time delivery, client satisfaction, and efficient task management.
- o Coordinated development efforts, ensuring seamless integration between web and app-based components for an optimized user experience.

Frello Web Application Project   **|**   April 2024
- o Engineered a mock Trello web application, showcasing proficiency in Databases, HTML, CSS, JavaScript, SQL Databases, Socket IO, and Python to create a fully functional project management tool.
- o Enhanced UI/UX design, applying layout and interaction techniques to optimize user experience, resulting in a 25% increase in user satisfaction.
- o Showcase this project and others on my personal website, demonstrating proficiency in both front-end and back-end development: https://onwyee.github.io/owen-nyenhuis/

EDUCATION

- o **Michigan State University** | East Lansing, MI | August 2021 – April 2025
- o *Bachelor Of Science in Computer Science, Honors College, with minors in Mathematics and Graphic Design*

EXPERIENCE

Teaching Assistant – Computer Science Department, MSU | East Lansing, MI | August 2024 – Present
- o Developed coding projects to enhance students' understanding of data structures and algorithms.
- o Facilitated help room sessions by troubleshooting code issues and responding to GitLab forum queries, reinforcing best practices in web application development.

Marketing Designer - Plant Biology Department, MSU | East Lansing, MI | January 2024 – Present
- o Designed dynamic flyers and marketing materials to enhance engagement and availability to the target users.
- o Increased seminar attendance by 15% through compelling visual designs and targeted marketing strategies.