DEREK THIBERT

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🖥 thibert-derek.github.io/site

EDUCATION

Bachelor of Science in Computer Science   Sept. 2021 – May 2023
University of Windsor   Windsor, ON

- **Coursework**: System Programming, Data Structures and Algorithms, Operating Systems Fundamentals, Object-Oriented Software Analysis & Design, Database Management Systems

Ontario College Advanced Diploma in Internet Applications and Web Development Sept. 2017 – June 2020
St. Clair College   Windsor, ON

WORK EXPERIENCE

Software Development Intern   Sept. 2022 – Dec. 2022
University of Windsor   Windsor, Ontario

- Collaborated as part of a 3-member team to plan, design, and develop an innovative and interactive educational project.
- Adopted a waterfall methodology to create a detailed and effective teaching tool that surpassed all project goals and objectives by completing phases like system design and execution.
- Created an Arduino project with joysticks and LEDs that was written in Arduino code and used in a class of more than 25 students to teach fundamental programming concepts.

Web Developer   Jan. 2022 – Mar. 2022
Cowlick Studios   Remote

- Worked with a Kanban team of 3 to reconstruct and enhance websites for company clients in numerous industries.
- Obtained a solid understanding of front-end web development using WordPress plugins, HTML, and CSS to deliver highly customized and visually appealing websites.
- Using the WordPress plugin ManageWP Orion, I optimized and made backups of over 130 websites biweekly, reducing loading time by 25%.

PROJECTS

Weather Application
JavaScript, React, Tailwind, HTML

- Designed and built a sleek and user-friendly web application to display real-time weather forecasts for any city in the world.
- Created an OpenWeatherMap API integration, leveraging data extraction methods to deliver precise and current weather data for up to 200,000 cities worldwide.
- Launched the application on GitHub Pages, and ongoing performance and security checks were made to ensure the greatest user experience.

TECHNICAL SKILLS

- **Languages**: JavaScript, HTML, CSS, Python, SQL, C, Java
- **Technologies**: React, Node.js, MySQL, Tailwind, WordPress, Arduino, Flask