Max Noddings

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PROFESSIONAL EXPERIENCE

Naval Air Warfare Center, Aircraft Division (NAWCAD), Software Engineer | C++, Python   July 2024 – Present
Patuxent River, MD

- Developed and maintained software for aircraft avionics systems, contributing to the enhancement and functionality of mission-critical projects.
- Gained experience working with large-scale, complex codebases, including managing code repositories and build processes.
- Actively engaged in troubleshooting, debugging, and improving existing software systems, resulting in enhanced system reliability and performance.

EDD Adaptive Sports, Intern | HTML, CSS, JavaScript, Weebly   March 2024 – May 2024
Burlington, Vermont

- Redesigned and enhanced the EDD Adaptive Sports website to improve user engagement and accessibility, resulting in a more visually appealing and intuitive online platform.
- Implemented custom-coded forms and newsletters using HTML, CSS, and JavaScript, integrated with Salesforce for efficient data management and communication.
- Provided comprehensive documentation of technical tasks, including updates to forms and website dynamics, ensuring seamless continuity and ease of maintenance.

Minglecon, Intern | HTML, CSS, WordPress, Figma   May – August 2023
Seoul, South Korea

- Enhanced customer experience and revolutionized the customer support system by building a centralized website for Minglecon teaching materials.
- Utilized WordPress, HTML, CSS, and Figma.
- Conducted in-depth technical research for user authentication, authorization, and multilingual functionalities and independently designed website imagery using Figma.
- Fixed front-end bugs and modified website appearance using HTML and CSS.

SOFTWARE SKILLS

C++, Python, Git, CMake, HTML, CSS, JavaScript, Java, MySQL/MariaDB, Visual Studio, Figma, Autodesk programs (CAD), Microsoft Office

EDUCATION

Bachelor of Science in Computer Science, minor in Mathematics   May 2024
Saint Michael's College, Burlington, VT

- Cumulative GPA: 3.62/4.0
- Division 1 NCAA Alpine Ski Racer (2019-Present) : Men's Captain (2022–Present)
- NCAA Academic All-American (2019-20, 2020-21, 2022-23)
- Calculus Achievement Award (2020)
- Pi Mu Epsilon National Honors Society in Mathematics member (founded 1914)

Relevant Coursework: Software Engineering, Web Design, Data Structures and Algorithms, Database Management, Operating Systems, Computer Architecture, Calculus I, II, and III, Physics I and II, Graphical Communications (CAD)

KEY PROJECTS

Saint Michael's College Student Investment Club Website | HTML, CSS, JavaScript   March 2024
- Spearheaded the development of a comprehensive website for the newly established Saint Michael's College Student Investment Club, utilizing HTML, CSS, and JavaScript from inception to completion.
- Crafted an aesthetically pleasing and user-friendly interface that seamlessly adapts to various screen sizes, ensuring optimal accessibility and engagement across desktop and mobile platforms.
- Established the website as the primary platform for showcasing the club's mission, strategy, and team, effectively promoting engagement with potential donors and school alumni, thereby enhancing the club's visibility and impact within the college community.

Stock Trading Web Application | HTML, CSS, JavaScript, PHP, MySQL   December 2023
- Designed and developed a full-stack virtual stock trading web application using HTML, CSS, JavaScript, PHP, and MySQL that provides users with a risk-free investing solution to simulate stock trading.
- Implemented key features including user authentication, enabling secure access to the application and virtual stock buying and trading.
- Developed a transaction history feature to track and display users' trading activities, enhancing transparency and user experience.