

# Max Noddings

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## PROFESSIONAL EXPERIENCE

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### United States Department of Defense

**Naval Air Warfare Center, Aircraft Division (NAWCAD), Program Management Support, Systems/Software Engineer** | AI Tools, Microsoft Office, SysML, Cameo

October 2025 – Present

Patuxent River, MD

- Program Management and Systems Engineering support for the CH-53K King Stallion, CH-53E Super Stallion, AH-1Z Viper, and UH-1Y Venom Helicopter Avionics Systems
- Avionics Engineering Department Professional Development Council (PDC) Representative
- Professional Development Council (PDC) Rotations Committee Chair

### United States Department of Defense

**Naval Air Warfare Center, Aircraft Division (NAWCAD), Software Engineer** | C++, Python

July 2024 – September 2025

Patuxent River, MD

- Engineered high-fidelity simulation models for radio systems on the AANMaST (Advanced Airborne Network Modeling and Simulation Testbed) team, enhancing accuracy and reliability for critical defense simulations.
- 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.

## TECHNICAL SKILLS

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Generative AI Tools, Microsoft Office, SysML, Cameo Systems Modeler, C++, Python, Git, CMake, HTML, CSS, JavaScript, Visual Studio

## EDUCATION

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**Bachelor of Science in Computer Science, minor in Mathematics**

May 2024

Saint Michael's College, Burlington, VT

- Division 1 NCAA Alpine Ski Racer (2019-2024) : Men's Captain (2022–2024)
- Computer Science Department Most Outstanding Student Award (2024)
- 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)

## OTHER ENDEAVORS

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[Saint Michael's College Student Investment Club Website](#) | HTML, CSS, JavaScript

March 2024 - Present

- 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.