

# Max Noddings

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## EDUCATION

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### 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 (Agile), Calculus I, II, and III, Physics I and II, Graphical Communications (CAD), Data Structures and Algorithms, Computer Architecture, Database Management, Operating Systems, Web Design

## KEY PROJECTS

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### RC Plane Design and Fabrication Project

Sun Valley, ID

- Initiated and completed a self-driven project to construct a cargo-carrying remote-control plane from scratch.
- Researched and applied knowledge in airframe design, electric motors, controllers, servos, and transmitters/receivers.
- Used advanced tools like Fusion 360 and AutoCAD for meticulous planning.
- Demonstrated hands-on aerospace engineering skills by designing and 3D printing key structural components.

### Custom-Built Rocket System

Billings, MT

- Designed and launched a small rocket from scratch. Build included a custom parachute, launch pad, ignition system, motor mount, and airframe.
- Experimented with various materials and construction techniques.
- Conducted calculations for wind resistance, average mass, and produced on-board and stand-by videos for analysis.
- Achieved maximum velocity (390mph) and altitude (1300ft) calculations, showcasing hands-on experience in aerospace engineering.

### Saint Michael's College Student Investment Club Website | HTML, CSS, JavaScript

- 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.

## SOFTWARE SKILLS

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

## PROFESSIONAL EXPERIENCE

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### EDD Adaptive Sports, Intern | HTML, CSS, JavaScript, Weebly

March 2024 - Present

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.