

Max Noddings

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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)

SOFTWARE SKILLS

HTML, CSS, Python, Java, PHP, MySQL/MariaDB, C++, C, Autodesk programs + Solidworks, Microsoft Office

PROFESSIONAL EXPERIENCE

Minglecon, Intern

Summer 2023

Seoul, South Korea

Developed a comprehensive website on the WordPress platform, catering to educators and teachers by providing valuable resources and materials to enhance lesson planning and execution. Acquired expertise in website development within WordPress, ensuring a user-friendly and visually appealing interface. Demonstrated strong problem-solving skills through efficient technical research, effectively resolving complex web-related issues. Collaborated closely with a cohesive team to address challenges in the educational, technical, and business domains. Upon returning to school, presented to an audience at the Saint Michael's annual mathematics colloquium, showcasing the technical intricacies and educational benefits of the project.

Sun Valley Resort Golf Course, Outside Guest Services

Summers 2018 - 2023

Sun Valley, ID

Assisted with outside operations at the resort's golf course. Developed trusting relationships with members. Prepared tee-times for each day, loaded members clubs to assigned carts, and maintained the driving range and other amenities.

Yellowstone Bank, Intern

Summer 2020

Billings, MT

Assisted with teller duties at the Bank. Learned basic types of savings and checking accounts. Processed a variety of different transactions. Supported team efforts to combat the coin shortage.

KEY PROJECTS

Stock Trading Web Application

December 2023

Burlington, VT

Designed and developed a comprehensive stock trading web application using HTML, CSS, JavaScript, PHP, and MySQL, showcasing full-stack development proficiency. The application facilitates virtual stock buying and trading with key features, including user authentication, stock transactions, portfolio management, and transaction history.

RC Plane Design and Fabrication Project

Summer 2021

Sun Valley, ID

Initiated and completed a self-driven project to construct a 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

Summer 2020

Billings, MT

Designed and launched a 2.5 feet tall rocket from scratch, including a custom parachute, launch pad, and ignition system. 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.