Ryan Nahm

(920)268-3504 | rnahm@nd.edu | linkedin.com/in/ryan-nahm/

EDUCATION

University of Notre Dame | Notre Dame, IN   Graduation May 2026
Bachelor of Science   *GPA: 3.788*
Major: Computer Engineering

EXPERIENCE

Teaching and Learning Technologies at The University of Notre Dame | Remote   May 2023 – October 2023
Software Developer
- Assisted in the optimization communication between ND's class scheduling software and the learning management system.
- Developed a script to reorganize individual user dashboards to promote proper course utilization.
- Designed a python solution for removing unnecessary canvas courses.

Appleton Area School District| Appleton, Wisconsin   June 2022 – August 2022
Summer IT Intern
- Maintained accurate inventory records by cataloging over 2200 items of new and existing technology.
- Imaged 750 new computers with the district image and installed necessary security software.
- Coordinated with team members to remove and replace over 1000 computers throughout the district.

Rec Sports Rock Wall | Notre Dame, Indiana   August 2023 – Present
Attendant
- Collaborated with team members to set new routes and improve overall gym experience.
- Conducted safety orientations with new visitors and maintained proper safety protocols.
- Lead groups of students on weekend outdoor trips to Red River George in Kentucky.

Appleton Solar LLC | Appleton, Wisconsin   May 2023 – August 2023
PV Installer

LEADERSHIP AND ACTIVITIES

Notre Dame Waterski Club | Notre Dame, Indiana   September 2022 – Present
Captain
- Recruited new members through outreach opportunities like club fairs and other demo sessions.
- Collaborated with other members to organize transportation to and from competitions and practices.

National Honor Society |Appleton, Wisconsin   September 2021 – May 2022
Vice President
- Partnered with school administration to ensure fair evaluation of new applications.
- Organized monthly all-club meetings to boost member engagement.
- Restructured and reorganized specific member expectations during a change in advisor.

RELATED COURSEWORK OR PROJECTS

Data Structures | University of Notre Dame   August 2023 – Present
- Studied and implemented various data structures using C and Python.
- Explored and applied different code optimization techniques to handle large datasets more efficiently.

Logic Design | University of Notre Dame   August 2023 – Present
- Engaged with various elements of computing fundamentals from complex Boolean operations to assembly code.
- Practiced debugging assembly code.
- Designing fully functioning HSLMs

Systems Programming | University of Notre Dame   August 2023 – Present
- Explored Unix, system calls, networking, and concurrency.
- Created a shell-based malware detector to scan zip file directories.

TECHNICAL AND LANGUAGE SKILLS

Technical: C, Python, Java, JavaScript, C++, SQL
Language: Spanish (conversational)
Awards: National Merit Scholarship Finalist - 2022