

Michael Doyle

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EDUCATION

University of Notre Dame | Notre Dame, IN

Bachelor of Science

Computer Engineering | French and Francophone Studies

May 2029

GPA: 3.578

ENGINEERING PROJECT EXPERIENCE

Engineering Design | Notre Dame, IN

September 2025 – Present

Project Team Member

- Designed and prototyped a sensor housing system to monitor outdoor air quality in the South Bend area, addressing environmental challenges such as air pollution from wildfires and local sources
- Utilized SolidWorks for 3D modeling and collaborated in a team of four to develop iterations of a sensor housing with an opening/closing mechanism powered by a servo motor and an Arduino-based microcontroller
- Conducted testing and iteration through two design phases, focusing on form, fit, function, and made improvements based on feedback from testing to enhance durability, alignment, and overall performance

EXPERIENCE

Wireless Institute | Notre Dame, IN

January 2026 – Present

Research Assistant

- Tested methods for integrating FPGA DAQ technology into the current RadioHound project ecosystem, utilizing Pythonic HDL modules in Vivado, with the goal of 5+ MS/s intake rate
- Developed technical writing skills for report writing and semester-based progress presentations

DeBartolo Performing Arts Center | Notre Dame, IN

October 2025 – Present

Ticket Office Attendant

- Worked with CRM software to provide efficient customer service in day-to-day point-of-sale operations
- Assisted patrons with issues over the phone and in person, working diligently to ensure satisfaction
- Responsible for maintaining quality office/center procedures, including open/close, cleanliness, and security mandates

Christ the King Parish | Haddonfield, NJ

Seasonal, October 2021 – May 2025

Audio/Visual Technician

- Responsible for the setup and breakdown of projection and livestreaming hardware and software
- Greeted 20+ patrons for weekly events, and was recognized at the end of a 4-year tenure for parish contributions

Conner Strong & Buckelew | Camden, NJ

June 2024 – August 2024

Intern

- Met with national practice leaders at the company, building relationships and an understanding of coast-to-coast business development for a firm with a national presence

LEADERSHIP AND ACTIVITIES

The Observer | Notre Dame, IN

September 2025 – Present

Opinion Columnist

- Responsible for a biweekly column focusing on faith, compassion, and intersectionality on college campuses
- Honed analytical, persuasive, and argumentative writing skills to increase engagement month over month

Model United Nations | Notre Dame, IN

September 2025 – Present

Under-Secretary-General of General Assemblies

- Responsible for administration and oversight of general assembly committees for the team's high school conference
- Competed in international collegiate conferences, effectively debating and collaborating in 30+ delegate committees

Boy Scouts | Haddonfield, NJ

August 2019 – April 2025

Eagle Scout, Senior Patrol Leader

- Led a team of 20 through the conception, development, fundraising, and implementation stages of a woodworking project, including running educational demonstrations on power tool functionality and proper worksite practices
- Led a troop of 30 for a year; responsible for planning and directing troop activities, including week-long campouts

SKILLS AND CERTIFICATIONS

Technical: proficiency in Excel, Google Suite, Microsoft Office, HTML/CSS; basic Python, HDL, SQL

Certifications: ISC2 Certified in Cybersecurity (CC)