SOPHIA C. NOONAN

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EDUCATION

University of Notre Dame, Notre Dame, IN | GPA 3.69 — **May 2026**
Bachelor of Science (BS) – Computer Science | Minors: Technology Ethics & Mandarin Chinese

INTERNSHIPS & SPECIALIZED PROJECTS

CommScope, Shakopee, MN — **May 2024 – Aug 2024**
Web Developer & Software Engineer Intern
- Developed a user-friendly web application to interact with a new lab database, integrating APIs using SQL for managing test results, sample data, and requirements, utilizing JavaScript with React, HTML, and CSS for development
- Presented the web application and its impact to over 50 stakeholders, including the VP of Technology and the President of CCS, demonstrating its functionality and benefits to establish buy-in
- Partnered with cross-functional teams on key initiatives, playing a pivotal role in launching a sustainability program and driving the finalization of impactful marketing materials in alignment with corporate branding

Faith in Indiana, South Bend, IN — **Aug 2022 – May 2023**
Web Scrapping Project Manager
- Utilized Python for web scraping and data sorting to analyze the St. Joseph County Jail online inmate booking system, identifying potential discrimination patterns in the community in collaboration with a local 501(c) organization
- Collaborated with St. Joseph County Jail, acquiring in-depth knowledge of its intricate and restricted online inmate booking system to effectively navigate and analyze data for project needs

University of Minnesota – College of Science & Engineering, Minneapolis, MN — **May 2020 – Nov 2022**
Natural Language Processing Research Lab Member
- Conducted research on advancements in Machine Learning and User-Robot interaction, providing bi-weekly reports and recommendations on new language processing algorithms to the graduate student and faculty team
- Enhanced the accuracy of the lab's robot vision sensor by debugging Python code to identify common grocery store objects, contributing to the development of a user-friendly visual impairment application

PROFESSIONAL DEVELOPMENT

Strike Magazine, University of Notre Dame — **Aug 2023 – Present**
Fashion Director (Dec 2023 – Present) | Model Creative (Aug 2023 – Dec 2023)
- Directs booking, styling, and coordination for fashion shoots, interviewing and selecting model candidates and organizing fittings, contributing to the successful production of the nation's largest student publication with over 35K followers
- Promoted the magazine through creative modeling and content creation across fashion, culture, and art publications, enhancing engagement within Notre Dame's chapter while fostering a diverse and creative college community

CS for Good, University of Notre Dame — **May 2023 – Present**
Social Media and Communications Director – Executive Board
- Leads the curation of the club's Instagram, manages weekly all-member emails, and oversees fundraising, marketing, and recruitment campaigns, utilizing iOS and web-based graphic design platforms to engage a 750+ member audience
- Manages relationships with event speakers and 20+ non-profits, collaborating with student teams and faculty advisors to create volunteer opportunities and technical projects, addressing and resolving technical needs for local organizations

Women in Computer Science, University of Notre Dame — **Sep 2022 – Present**
Executive Board & Merchandise Commissioner
- Successfully petitioned to establish Women in Computer Science as an official campus club, securing sponsorships from female engineering professionals and expanding networking events, workshops, and student-led initiatives
- Designs, produces, and manages vendor relationships for club merchandise, including stickers, logos, and branded clothing, to promote and sustain female participation in the Computer Science Undergraduate program

Student International Business Council (SIBC), Seattle, WA — **Feb 2023 – Apr 2023**
Amazon Travel Team Member
- Conceptualized and developed social media campaigns and visual renderings of a live-streaming commerce feature, enabling viewers to purchase items seen in Prime Original Series and Movies, leading to its adoption and implementation
- Confidently delivered a presentation at Amazon Headquarters to 15 marketing and engineering directors, showcasing market research, value propositions, and mockups to enhance Amazon Prime's market position

TECHNOLOGIES

Computer Skills: Beginner Web Scrapping | Git | Canva | Docker | Microsoft Excel | NLP | Machine Learning | Web Design
Programming Languages: C | Python |Java | JavaScript | MATLAB | Processing