Michael Zang

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EDUCATION

University of Notre Dame | Notre Dame, IN   May 2026
Bachelor of Arts and Letters   *GPA 3.3*
Major: Computer Science

EXPERIENCE

iSoftStone INC | Bellevue, Washington   June 2023 - August 2023
Freshman Internship - Web Development
- Collaborated in-person with two senior interns and six company members
- Designed a program in Java capable of transcribing audio and video files into text format
- Integrated AWS services (Amazon Transcribe) and Nuxeo Web Design in the program
- Utilized as a prototype on the company website for future implementation by the company's clients

Smithsonian Institution | Washington DC   August 2020 - Present
Smithsonian Digital Volunteer
- Transcribed and cataloged 400+ historical documents to make accessible for future generations
- Developed the ability to decipher and memorize more than 200 diverse handwriting styles

LEADERSHIP AND ACTIVITIES

CS For Good | Notre Dame, IN   September 2023 - Present
Project Lead
- Spearheading the Dismas House project, focused on reintegration of former prison members into society
- Designing website, optimizing databases and files, and conducting technology classes

Student International Business Council | Notre Dame, IN   February 2022 - Present
Amazon/PWC/BOSCH Travel Team Member
- Met weekly with peers and industry contacts to create innovative solutions on the Health/Cybersecurity/EV industry
- Tackled ambiguous problems through abstract thinking, implementation timelines, and risk analysis

HOSA - Future Health Professionals | Canada   September 2020 - June 2022
Club Executive
- Distinguished performance (finalists) at the State Leadership Conference Forensics Competition
- Assumed a leadership role in training students for the Medical Innovation competition

RELATED COURSEWORK OR PROJECTS

Startup Company (MATCH:D) | Notre Dame, IN   January 2023 - Present
Co-Founder
- Designed an innovative mobile application to facilitate student volunteering at University
- Incorporated a unique time-based currency system where students receive volunteer hours as currency
  which is exchanged for monetary benefits in the university

Personal Project | Richmond Hill, ON   September 2021 - Present
- Constructed a Python-based Optical Character Recognition (OCR) application
- Program scans photos, identifies and transcribes words, subsequently displaying the text on-screen

TECHNICAL AND LANGUAGE SKILLS

Technical: Python, Java, C, AWS, HTML, CSS, JavaScript, Nuxeo, Matlab
Language: English (fluent), Mandarin (conversational), French (conversational)
Interests: Ice Hockey, Ski, Badminton, Piano