Jenna E. Szydlowski

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- **Interested in professional experience** to supplement and advance programming skills developed in prior courses and projects.
- **Known for adaptability** and dependability in dynamic work environments.
- **Self-motivated** and eager to learn from practical experience.

Experience

Project Software Engineer – Data Structures Project, 1/22-5/22 - UNIVERISTY OF NOTRE DAME, Notre Dame, IN

- Collaborated to design and implement a program in C++ to organize, analyze, and display data entered by a user in the format of a *Clue* score sheet.
- Presented at weekly code reviews using professional memorandums outlining accomplishments, project objectives, and potential challenges.
- Effectively implemented clear and descriptive variable names and comments to communicate with other team members.
- Investigated code to formulate methods to debug and streamline the program.

MATLAB App Development - Engineering Programming Project, 4/21 – 5/21 UNIVERSITY OF NOTRE DAME, Notre Dame, IN

- Participated in a partner project to design and create a MATLAB application that organized and displayed a data set.
- Anticipated user desires and sought to maximize customizability of data visuals.

Employment

Independent Contractor, 5/22 - Present – PROMIS HEALTH ORGANIZATION, Chicago, IL

- Altered company website displays to maximize user accessibility.
- Met with supervisor to reflect on my approaches to solve problems and discuss further actions.

Building Manager, 8/21 - Present - LAFORTUNE STUDENT CENTER, Notre Dame, IN

- Oversees student center operations, addresses questions regarding building amenities and the Notre Dame Community
- Independently made decisions on behalf of building operations and problems as they arise.
- Utilizes training on AV equipment in meeting rooms to remedy technical dilemmas and aids others in setting up the equipment.

Math Instructor, 7/18 - 8/21 - MATHNASIUM, Buffalo Grove, IL

- Engaged children aged 6-17 in mathematics activities both in-person and virtually.
- Advanced students in their math understanding and assisted in organizing materials utilized for students to practice math skills.
- Demonstrated adaptability in a transition from in person educating to an online tutoring platform.

Education

UNIVERSITY OF NOTRE DAME – Notre Dame, IN
Bachelor of Science in Engineering, Computer Science CO 2024

Relevant Completed Coursework, Systems Programming, Data Structures, Logic Design, Introduction to Embedded Systems, Discrete Mathematics, Fundamentals of Computing, Engineering Programming

Technical Skills

Microsoft Office Suite, C, Python, C++, Java, JavaScript, Node.js, Linux, Shell Scripting, Git, MATLAB, Swift, XCode, Arduino, Verilog HDL