Jude Gill

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SUMMARY

B.S. Software Engineering student at Milwaukee School of Engineering with extensive team-based project experience across academic, personal, and co-curricular settings. Active member of MSOE's AI Club, Society of Software Engineers, and Professional Construction Society. Proven time-management skills, successfully combining a rigorous academic schedule with part-time employment. Proficient in Java, C, C++, JavaScript, HTML, and CSS, with experience in data structures, databases, and Agile development.

EDUCATION

B.S. Software Engineering | Milwaukee School of Engineering | Expected May 2027

PROJECT EXPERIENCE

Wordle-Inspired Word-Guessing Game

- Collaborated with a team of five using **Agile** practices to build a **JavaFX**-based Wordle-style application over 14 weeks
- Delivered ~25 **user stories** across iterative sprints with full acceptance testing
- Implemented core gameplay logic, supporting data structures, and **Junit** tests (≥95% coverage)
- Integrated **SQLite database** for daily words, profiles, and statistics; applied State design pattern for game modes

RevEng UML Diagramming Tool - (In Progress)

- Developing a **Java/Swing** desktop application that analyzes Java projects with **ANTLR** and visualizes UML class diagrams.
- Implementing class filtering, project loading, and customizable diagram styling.
- Working in an Agile team with sprints, reviews, and shared architecture decisions.
- Maintaining a **GitLab CI pipeline** for builds, tests, and team integration.

AI Quiz Generator

- Built a **Flask-based** Python web app leveraging AI to generate quizzes from user input
- Implemented export features for **PDF/TXT** downloads, adjustable question counts, and topic-only mode
- Designed clean **UI/UX** for easy user interaction and integrated structured error handling for reliability

TECHNICAL SKILLS

▪ Java ▪ JavaFX ▪ C ▪ C++ ▪ Python ▪ Flask ▪ JavaScript ▪ HTML ▪ CSS ▪ SQLite ▪ JUnit ▪ GitHub/GitLab ▪ Data Structures & Algorithms ▪ Node.js ▪ Agile (Scrum) ▪ CI/CD

WORK EXPERIENCE

Team Member, Chick-fil-A | Jul 2022 – Present
- Deliver efficient guest service in front- and back-of-house roles in a high-volume environment
- Mentor new team members on customer engagement, food safety, and shift responsibilities
- Support team leads during peak hours, ensuring smooth operations and consistent quality

Office Assistant, Career Connections Center, MSOE | Sep 2022 – May 2023
- Scheduled student appointments, managed office supplies, and supported career event logistics

Seasonal Worker, Indian Summer Honey Farm | Summers 2017 & 2018
- Monitored hives, harvested honey, and maintained equipment while ensuring safety and quality