James Hagan

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EDUCATION

BS Computer Science   Spokane, WA | May 2026
GONZAGA UNIVERSITY
GPA: 3.45
Coursework: Computer Organization; Data and Algorithm Structures; Discrete Structures; Software Development; UI/UX

EXTRACURRICULARS

- **GU ACM Chapter** - Member
- **GU Bulldog Band** - Section Leader
- **GU Hackathon** - Organizer
- **Gonzaga University** - Dean's List

WORK EXPERIENCE

GONZAGA UNIVERSITY | STUDENT WORK-STUDY   Spokane, WA | May 2023 - Current

- Developed a mapping application using Microsoft PowerSuite in order to contain locations of emergency shutoffs, and cut the time taken to find shutoffs in emergencies by **75 percent**
- Managed an individual part of Gonzaga's campus, completing core tasks such as lawn and trash management. Revamped paths in said area that slashed time to mow and dispose of trash by **60 percent**, allowing for more tasks to be done

KRUEGER SHEET METAL | MATERIAL HANDLER   Spokane, WA | May 2022 – August 2022

- Crafted a unique storage system that allowed for faster location and retrieval of materials by **35 percent**, and resulted in a decrease of accidental reorders of materials by **80 percent**
- Authored a personal method to complete assigned cleaning tasks that reduced downtime of machines by up to **50 percent**

PROJECTS

DEFENSE OF XOR ↗   C++, GIT, COMMAND LINE

- Created Defense of Xor to demonstrate proficiency in programming and game design; based on classic arcade games, the project features fast-paced action, strategic gameplay, and immersive challenges within a command line environment.

FARKLE ↗   JAVA, UNIT TESTING, TEST DRIVEN DEVELOPMENT, OOP

- Implemented the Java Port of Farkle with thorough design, precise implementation, and thorough testing to faithfully replicate the game's rules and mechanics.

GU ACM WEBSITE ↗   HTML, CSS, GITHUB

- Designed and executed a user-centric Events section on the GU ACM website, leveraging HTML and CSS to create an engaging interface for event information; increased user engagement by **50 percent** and enhanced accessibility for attendees.

SKILLS

Languages: Java, C++, Python, C, Assembly
Web Development: HTML/CSS
Technology: Git, GitHub, Unit Testing, Command Line, Test Driven Development, OOP, Web Hosting