

ISABELLE MAY

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EDUCATION

Bachelor of Science in Computer Science, Gonzaga University, Spokane, WA

Expected Graduation: May 2026

- Honors Program, Mathematics Minor, Hogan Entrepreneurial Leadership Minor
- GPA: 3.75 | President's List: Fall 2025, Spring 2025, Dean's List: Spring 2023 – Fall 2024
- Study Abroad: Gonzaga in Florence | Florence, Italy | May – June 2024
- Field Study: Gonzaga in the Wilderness | Montana, USA | May – June 2023

TECHNICAL SKILLS & COURSEWORK

Languages & Concepts: Python, Java, C#, JavaScript, SQL, HTML | OOP, Algorithms, Data Structures, Discrete Structures, Calculus

Tools & Frameworks: .NET, Azure Functions, Visual Studio, Docker, Git | Power BI, ETL Pipelines, Database Management, Data Modeling

PROJECTS AND PROFESSIONAL DEVELOPMENT

New Venture Lab Program Director, Gonzaga University

August 2022 – Present

- Lead a student-run business consulting firm serving 8-11 local entrepreneurs per semester, supervising 8-11 Project Managers and teams of 5-7 consultants while managing 40+ annual applications, budget allocation, 20+ board member coordination, and achieving 97% client satisfaction over five consecutive semesters.
- Developed the program's first permanent knowledge management system in 22 years with 60+ curated resources and AI-powered chatbot, reducing duplicated research by 170+ hours per semester and achieving 96% user engagement (54 stakeholders, 485+ visits) with resource accessibility satisfaction ratings improving from 57% to 86%.
- Previously served as consultant and Project Manager (4 semesters), gaining hands-on experience in client delivery that now informs mentorship in data analysis, market research, financial modeling, product development, and digital marketing strategy.

Data Engineering Intern, BNBuilders

May 2025 – August 2025

- Led upgrades to the company Attendance App used by 1,000+ employees, automating training tracking, QR-code event check-ins, and feedback analytics, saving the HR team 30+ hours per month.
- Designed and optimized SQL Server data pipelines and ASP.NET web app features to automate data flows and reduce manual reporting errors.
- Built C# Azure Functions and Power BI dashboards giving executives visibility into KPIs for HR, Risk & Contracts, and equipment metrics.
- Partnered with 10+ stakeholders to deliver scalable, user-friendly tools that improved operational efficiency and strategic decision-making

Computer Science Teacher Assistant, Gonzaga University

August 2024 – May 2025

- Assisted students with programming, data structures, and algorithms while grading assignments and exams with timely constructive feedback.

Hogan Entrepreneurial Leadership Program, Gonzaga University

January 2023 – Present

- Learning the principles of entrepreneurship and preparing for leadership in the workforce with 25 students in a highly competitive program.
- Actively honing entrepreneurial and professional skills through hands-on experiences, workshops, and mentorship.

Classroom Projects, Gonzaga University

August 2022 – Present

- Dual Immersion Network Scheduling App: Building a class-matching platform with React, Python, MySQL, and Azure Functions to automate dual immersion scheduling for over 30 international Jesuit university partnerships with smart pairing algorithms and role-based access control.
- Swap College Marketplace: Developed a full-stack MERN application with RESTful APIs, secure user authentication, item listings, and ratings and reviews to power a verified marketplace for college students.
- Custom Compiler: Developed a custom language compiler with lexical parsing, semantic analysis, and bytecode generation for execution.
- Spotify Genie: Built a personalized song recommender using Spotify API, clustering algorithms, and filtering based on user preferences.

ACADEMIC HONORS & AWARDS

Gonzaga University President's List/Dean's List – 2025, 2024, 2023

Schweitzer Engineering Laboratories Scholarship Recipient - 2024

Chick-fil-A Merit Scholarship Recipient – 2022, 2023, 2024

Neurodiversity Alliance Scholarship Recipient – 2023, 2024

Gonzaga University Hackathon Honorable Mention – 2023, 2024

Sr. Mary Luke Tobin Social Justice Award – 2022

LEADERSHIP EXPERIENCE

Society of Women Engineers Gonzaga University Chapter, 2022 – Present

Association for Computing Machinery Gonzaga University Chapter (Hackathon x2), 2022 – Present

Student Leader, National Student Advisory Council Member, Neurodiversity Alliance, April 2023 – Present

Day Camp Instructor (Seasonal), Avid4Adventure, Summer 2023, 2024

Leadership Board Co-Chair, Destination Imagination Colorado, 2019 – 2022

Leadership Board Member & Business Owner, Young Americans Center for Financial Education, 2011 – 2022

References available upon request.