

# 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: 3.72 | Presidents List: 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

### 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.

### New Venture Lab Program Director, Gonzaga University

August 2022 – Present

- Leading a student-run business consulting firm, working with 8-11 entrepreneurs each semester through a structured three-phase scope and achieving a 97% satisfaction rate from entrepreneurs over the past five semesters.
- Supervising and advising 8-11 project managers and teams of 5-7 Gonzaga students per semester, providing mentorship in a fast-paced environment to ensure successful project outcomes.
- Overseeing project intake and execution by reviewing 50+ entrepreneur and 150+ student applications, coordinating with 20 board members, managing a \$500 budget, and delivering a practical, positive learning experience for 75+ students per semester.
- Previously served as a technology consultant and project manager, gaining experience that continues to inform my guidance of teams in data analysis, database design, web development, product development, demographic research, advertising, and SEO analysis.

### Computer Science Teacher Assistant, Gonzaga University

August 2024 – Present

- Recognized for coursework excellence and assisting students with programming, data structures, and algorithms.
- Grading assignments and exams, providing timely constructive feedback, and simultaneously reviewing important concepts.

### 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.
- Designed Fair Share, a B2B platform allowing banks to provide clients with finance tracking tools and AI-driven recommendations.

### Independent & Collaborative Projects, Gonzaga University

August 2022 – Present

- Swap College Marketplace: Built a PostgreSQL database and Python backend for authentication, listings, messaging, and transactions.
- Flight Delay Prediction: Built ML models (Naïve Bayes, Decision Tree, Random Forest) to predict flight delays from 300K+ instances.
- Spotify Genie: Built a personalized song recommender using Spotify API, clustering algorithms, and filtering based on user preferences.
- Custom Compiler: Developed a custom language compiler with lexical parsing, semantic analysis, and bytecode generation for execution.

## 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, 2025

Gonzaga University Hackathon Honorable Mention – 2023, 2024

Sr. Mary Luke Tobin Social Justice Award – 2022

## LEADERSHIP EXPERIENCE

**Retreat Student Leader; Student Minister** – Gonzaga University Ministry | Aug 2023 – Present

**Mentor Program Student Leader; National Student Advisory Council Member** – Neurodiversity Alliance | Apr 2023 – Present

**Member** – Association for Computing Machinery, Gonzaga University Chapter (Participated in 2 Hackathons) | 2022 – Present

**Member** – Women in Business, Gonzaga University Chapter | 2023 – Present

**Day Camp Instructor (Seasonal)** – Avid4Adventure | Summer 2023, 2024

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

*References available upon request.*