

# 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

Python, Java, C#, JavaScript, HTML, SQL, OOP, Git, .NET, Azure Functions, Power BI, ETL, Visual Studio, Docker, Algorithms, Data Structures, Data Modeling, Database Management, Software Development, Data Cleaning & Transformation, Discrete Structures, Calculus

## PROJECTS AND PROFESSIONAL DEVELOPMENT

**Data Engineering Intern**, BNBuilders May 2025 – Present

- Designing and managing SQL Server databases, including building stored procedures and developing ETL pipelines to Power BI.
- Building C# Azure Functions to enable communication between web front ends and SQL Server.
- Supporting .NET web app development by implementing features, fixing bugs, and maintaining codebase.
- Cleaning, transforming, and visualizing data using Power BI for dashboards and reporting to deliver data insights to executives.

**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 four 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 by reviewing 40+ entrepreneur applications and coordinating with 20 board members to create a positive, practical learning experience for 75+ students per semester.
- Previously served as a 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 a B2B platform enabling banks to access anonymized spending data and clients to track finances, set goals, and receive AI-powered recommendations.

**Classroom 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.
- 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
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.*