

# Linnea Caraballo

📍 Greater New York 📞 475-239-8208 ✉ [lcaraballo@wesleyan.edu](mailto:lcaraballo@wesleyan.edu) [LinkedIn](#) [GitHub](#) [lcaraballoj.github.io](https://lcaraballoj.github.io)

## Professional Summary

Dynamic and innovative professional adept in SQL, Python, Alteryx, and collaborative problem-solving. Skilled in working with cross-functional teams to develop technology solutions to improve processes and data understanding.

## Skills

- Python
- MySQL
- Microsoft Excel
- SQL
- Microsoft SQL Server
- Tableau
- Alteryx
- PostgreSQL
- R

## Experience

### Teaching Assistant

September 2022 – May 2024

Wesleyan University

Middletown, CT

- Organized and led review sessions aimed at reinforcing classroom learning and addressing common challenges in mathematics, actively contributing to the academic success of students.
- Empowered students during one-on-one tutoring sessions and group study sessions, aiding in the understanding of complex mathematical concepts.
- Partnered with mathematics faculty to prepare and deliver instructional materials, assignments, and assessments, ensuring alignment with curriculum objectives and enhancing the overall learning experience.

### Junior Solutions Designer Intern

May 2022 – August 2022

OneReach.ai

Denver, CO

- Spearheaded the optimization of the US employee PTO request process by engineering and deploying a Slack bot using APIs, resulting in accelerated request processing.
- Innovated a conversational AI-rich web chat solution to streamline the college search and accommodation process for disabled students, emphasizing usability and incorporating user experience principles.
- Conceptualized, crafted, and executed conversational AI solutions with a laser focus on user experience, integrating UX principles and design best practices to deliver intuitive and efficient solutions.

### IDEA Lab Specialist: Electronics

September 2020 – May 2022

Sacred Heart University

Fairfield, CT

- Orchestrated dynamic in-person and online training sessions for electronics and programming, leveraging technology to enhance student engagement by a remarkable 30% within 16 weeks.
- Unified the expertise of diverse team members to facilitate cross-training initiatives and workshops, fostering a culture of collaboration and communication that significantly bolstered project outcomes.
- Applied the Agile methodology to meticulously design custom PCBs and electronics devices, resulting in optimized research and class project outcomes through iterative development and rapid prototyping.

### IT Intern

May 2020 – August 2020

Americares

Stamford, CT

- Teamed up with the operations team to spearhead the creation of a robust relational database utilizing SQL and Alteryx, enabling swift data retrieval and seamless data modeling.
- Overhauled the IT audit procedures, achieving a remarkable 50% increase in efficiency by streamlining workflows, minimizing manual tasks, and optimizing overall operations significantly enhancing organizational productivity.
- Successfully implemented Alteryx workflows to automate the extraction and consolidation of data from Excel sheets, resulting in a substantial improvement in data integrity and reliability, while reducing manual errors.

## Education

### Wesleyan University

Sep. 2022 – May 2024

Master of Arts in Mathematics

Middletown, CT

### Sacred Heart University

Aug. 2018 – May 2022

Bachelor of Science in Computer Science & Bachelor of Science in Mathematics

Fairfield, CT

## Certifications

### Google Data Analytics Professional Certificate

June 2024

Google Data Analytics Certification

Online Course