Linnea Caraballo

⌖ Greater Hartford   ☎ 475-239-8208   ✉ lcaraballo@wesleyan.edu   in [LinkedIn](#)   ○ [GitHub](#)   🔗 [lcaralloj.github.io](#)

Summary

Dynamic and innovative professional adept in SQL, Python, Alteryx, and collaborative problem-solving. Excelled in boosting tracking and analysis of life-saving medications and supplies at a global nonprofit health organization. Skilled in developing technology solutions to improve processes and learning outcomes.

Skills

- Python
- MySQL
- Tableau
- SQL
- Microsoft SQL Server
- GitHub
- Alteryx
- Microsoft Excel
- JavaScript

Experience

Wesleyan University   **September 2022 – Present**
Teaching Assistant   *Middletown, CT*

- Provided academic assistance to students through 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.
- Organized and led review sessions to reinforce classroom learning and address common challenges in mathematics.

OneReach.ai   **May 2022 – August 2022**
Junior Solutions Designer Intern   *Denver, CO*

- Optimized US employee PTO request efficiency by integrating APIs with a custom AI solution in Slack, resulting in faster request processing.
- Streamlined the college search and accommodation process for disabled students by utilizing conversational AI in rich web chat, resulting in a more inclusive and accessible experience.
- Crafted and rolled out conversational AI solutions with a focus on usability, applying UX principles, and design best practices.

Sacred Heart University   **September 2020 – May 2022**
IDEA Lab Specialist: Electronics   *Fairfield, CT*

- In 16 weeks, accomplished a 30% increase in student engagement by developing and managing, engaging in-person and online training for soldering and programming.
- Coalesced talent from various team members to offer cross-training and workshops, resulting in improved collaboration and communication, leading to better project outcomes.
- Developed and executed product design, testing, and prototyping of electronic devices utilizing custom PCBs aiding in research and class projects.

Americares   **May 2020 – August 2020**
IT Intern   *Stamford, CT*

- Collaborated with the operations team to create a relational database using SQL and Alteryx, leading to quick data retrieval and effortless data modeling for enhanced insights.
- Redesigned the IT audit process increasing efficiency by 50% reducing manual work and optimizing operations.
- Successfully implemented Alteryx workflows resulting in full automation of data gathering from Excel sheets increasing data integrity.

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*

Awards

Silver Medal of Excellence in Mathematics   **May 2022**
Sacred Heart University   *Fairfield, CT*