

LINNEA CARABALLO

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Experience

OneReach.ai

May 2022 – August 2022

Junior Solutions Designer Intern

Denver, CO

- Collaborated with a team to design and implement a custom conversational AI solution within Slack, streamlining PTO request processing for all employees located in America by automatically contacting managers and coverage and reminding HR and all parties involved of upcoming PTO.
- Utilized the RWC channel to create a conversational AI bot assisting students with disabilities in navigating college application accommodations by providing one place to house accommodation request and find all information on colleges' accessibility, specifically colleges in Massachusetts.
- Deployed user-centric conversational AI solutions, focusing on usability and UX principles, and improved documentation practices.

Sacred Heart University

September 2020 – August 2022

IDEA Lab Specialist: Electronics

Fairfield, CT

- Developed in-person and online training programs and workshops to introduce students to soldering and programming through real world applications such as soldering components onto PCBs and using Git to keep track of projects.
- Worked with professors to design course curriculum and provide training for students in the engineering and computer science department.
- Created and designed custom 3D models for use around the workshop and computer lab to improve function and aesthetics of the whole makerspace by displaying examples of what can be created and making sure that everything needed is easily accessible to all users.
- Collaborated with other team members in order to offer more than 10 cross-trainings and workshops throughout each semester.

Owl Cyber Defense

June 2021 – August 2021

Engineer Intern

Danbury, CT

- Created compelling demonstration models that could be used to display their products and conferences and when meeting with future clients, showcasing Owl's cybersecurity capabilities, highlighting data diodes.
- Utilized Owl's XDE Radium to securely transmit UDP packets containing sensor data between Raspberry Pi devices to create interactive demos highlighting the protocol filtering of the product.
- Collaborated with the Business Intelligence team to pitch and design a database model demonstrating the benefits of a data warehouse for improved sales and analytics.

Americares

May 2020 – August 2020

IT Intern

Stamford, CT

- Conducted an IT audit and created an automated process using Alteryx, reducing the time spent on the IT audit.
- Developed a database to track the distribution of live saving medical supplies and medication to sub-recipients ensuring that communication continues between both parties and ensuring that extra supplies are sent to locations with the highest demand, improving impact and reducing the number of medications reaching expiration.
- Designed Alteryx workflows to streamline data analysis by importing Excel templates into database tables allowing for the process to be automated by automatically reading and appending data any time a new Excel spreadsheet is uploaded.

Education

Wesleyan University

Sep. 2022 – May 2024

Masters of Arts in Mathematics

Middletown, CT

Scared Heart Unversity

Aug. 2018 – May 2022

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

Fairfield, CT

Technical Skills

Programming: Python (Pandas, Matplotlib, Numpy), JavaScript, SQL

Softwares: Alteryx, Eagle, Fusion 360

Technologies/Frameworks: Linux, GitHub, Arduino, Raspberry Pi