

LINNEA CARABALLO

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Education

Wesleyan University

Masters of Arts in Mathematics

Sep. 2022 – May 2024

Middletown, CT

Scared Heart University

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

Aug. 2018 – May 2022

Fairfield, CT

Experience

OneReach.ai

Junior Solutions Designer Intern

May 2022 – August 2022

Denver, CO

- Design and build custom Conversational AI solutions and work alongside a team of designers to deliver efficient and effective experiences for both client and internal use.
- Utilize Slack bots and RWC as well as other channels such as SMS and IVR to create an internal solution for use in the company and a bot that can aid students with disabilities navigate the college application and accommodation process.
- Deploy active conversational AI solutions focused on usability, UX principles, and design best practices
- Solve problems guided by world leading artificial intelligence experts

Sacred Heart University

IDEA Lab Specialist: Electronics

September 2020 – August 2022

Fairfield, CT

- Create in-person and online training and workshops for soldering and programming.
- Guarantee that soldering stations are maintained and manage supplies.
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks.
- Facilitate the use of Arduinos, programming, and soldering.
- Collaborate with other team members in order to offer cross-training and workshops.

Owl Cyber Defense

Engineer Intern

June 2021 – August 2021

Danbury, CT

- Create important demonstration models to show off the cybersecurity capabilities of Owl's data diodes.
- Use the XDE Radium to create a demo that securely sends UDP packets containing sensor data from one Raspberry Pi.
- Collaborate with Business Intelligence to create a database model to demonstrate to the company how a data warehouse would increase sales, overall organization, and lead to better data analytics.

Americares

IT Intern

May 2020 – August 2020

Stamford, CT

- Conduct the IT audit and create an Alteryx workflow to automate the process and outline a procedure to follow in the future making the process more efficient.
- Create a database to keep track of medical supplies being distributed to sub-recipients.
- Create Alteryx workflows to read in Excel templates into database tables to be reported for data analysis

Projects

Gym Reservation Bot | Python, Selenium, Google Cloud Console

January 2021

- Developed an automatic bot using Python and Google Cloud Console to register myself for a timeslot at my school gym.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

Ticket Price Calculator App | Java, Android Studio

November 2020

- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

Transaction Management GUI | Java, Eclipse, JavaFX

October 2020

- Designed a sample banking transaction system using Java to simulate the common functions of using a bank account.
- Used JavaFX to create a GUI that supports actions such as creating an account, deposit, withdraw, list all accounts, etc.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Technical Skills

Languages: Python, JavaScript, SQL

Softwares: VS Code, Alteryx, Google Cloud Platform, Eagle, Fusion 360, CorelDraw, Asana, Figma

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