Linnea Caraballo

5 Fieldstone Circle, Stamford CT 06902
(475) 239 8208
caraballol125@mail.sacredheart.edu

Sacred Heart University student studying Computer Science and Mathematics with a big interest in data analytics and the intersection of mathematics and computer science. Has held various internship and job roles from IT internships with a focus on data analytics to jobs that require knowledge of electronics.

EXPERIENCE

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

- Create and offer comprehensive online training for soldering, Arduino, PCB creation, and programming as well as helping professors create course material and teaching when applicable.
- Create workshops to engage and educate the greater community, which includes workshops to create custom gamepads and LED lamps.
- Ensure the safety of users by enforcing the operating procedures.
- Collaborate with other team members in order to work on various projects and offer cross-training workshops.

Owl Cyber Defence   **Danbury, CT**
Engineering Intern   *June 2021–August 2021*

- Create important demonstration models to show off the cybersecurity capabilities of Owl's data diodes.
- Create a program to generate MQTT packages, receive them, and then convert them into a CSV file that will be stored in a FTP server for analysis.
- Create demos for the XDE Radium that will securely send UDP packets containing sensor data from one Raspberry Pi to another.
- Review documentation and provide insight into the usability of the XDE Radium.
- Collaborate with Business Intelligence interns to aid in the design of a Power BI analytics workflow for the marketing team.

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

- Conduct the IT audit and create an Alteryx workflow to automate the process and outline a procedure to be followed in the future.
- Create a database to keep track of medical supplies being distributed to subrecipients.
- Create Alteryx workflows to read Excel templates into database tables for data visualization.

EDUCATION

Sacred Heart University   **Fairfield, CT**
Bachelor of Science in Mathematics, Computer Science   *May 2022*

SKILLS

- Proficient in Alteryx, Arduino, Databases, EAGLE, Fusion 360, LaTeX, Numpy, PCB Making, Pandas, Python, SQL
- Knowledgeable in C, C++, Google Cloud Platform, Matplotlib, Power BI, Tableau

---

Deleted: s

Deleted: elp

Deleted: with course material

Deleted: needed and

Deleted: the

Deleted: .

Formatted: Font color: Black

Deleted: Raspberry Pi,