# Claire LaFramboise

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## EXPERIENCE

**Research Assistant,** *Community Health Center,* Middletown, CT                         September 2023-May 2024

- Developed research methods with a small team to examine the role of medical assistants in the primary care setting and recommended areas for future growth. Findings to be published in the *Journal of Allied Health*.
- Conducted an extensive literature review and authored the research background.
- Assisted with the creation, implementation, and analysis of the research survey and small focus group interviews with medical assistants and organizational staff.
- Presented recommendations to the leadership team resulting in improved patient care strategies.

**Statistical Consultant,** *The Connection and Wesleyan University,* Middletown, CT                         February-May 2023

- Researched the association between social determinants of health and recidivism risk for the Connection, a nonprofit.
- Improved dataset for analysis by scrubbing and recategorizing research data from over 1,000 participants.
- Identified key risk factors in recidivism through a multinomial logistic regression, which informed targeted intervention strategies.
- Delivered bi-weekly insights that guided program modifications, directly enhancing community impact.

**Study Abroad Assistant,** *Wesleyan Office of Study Abroad,* Middletown, CT                         September 2023-  May 2024

- Promoted study abroad opportunities and spoke at an information session during Family' Weekend.
- Provided actionable feedback to the Wesleyan leadership team to enhance program structure and maximize student experience.
- Presented at sessions aimed at effectively translating study abroad experiences into career skills.

**Data Collection Associate***, Q Analysts,* Kirkland, WA                         June-August 2022

- Recruited and instructed participants for a study using augmented reality (AR) and virtual reality (VR).
- Conducted quality checks and oversaw data collection to ensure accuracy and usability.
- Ensured the team reached the required demographic benchmarks, strengthening data diversity.

**Barista,** *Wesleyan University*, Middletown CT                         September 2021- May 2024

- Trained incoming staff and upheld high customer service stands in a high-volume, face paced environment.

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## PROJECTS AND VOLUNTEER EXPERIENCE:

**Car Auction Price Predictor,** Co-Developer                         August 2024- Present

- Scraped and cleaned a dataset of over 20,000 car auction results and analyzed the data in R using a multilinear regression model.
- Built a machine learning model in Python to predict auction outcomes, including final prices and reserve values.
- Currently developing an interactive tool to predict auction results and analyze car listings in real time.

**Court Volunteer,** *Redmond Community Court,* Redmond, WA                         May 2023-August 2023

- Contributed to a rehabilitation-focused judicial model, supporting long term reintegration success.
- Provided career coaching, including resume optimization, job search strategies, and interview preparation.
- Coordinated documentation of weekly objectives for clients which were used in schedule management and goal tracking.

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## EDUCATION

**Wesleyan University**, May 2024                                                                 **Middletown, CT**

*Bachelor of Arts* in Government and Sociology, Minor in Data Science | 3.65/4.0 GPA | Dean's List

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## Skills:

Proficient in data analysis, statistical modeling, and mixed-methods research. Experience using statistical software and data visualization to interpret and communicate insights effectively. Skilled in spreadsheet management and database organization to support research and operational efficiency.

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