

Claire Waldron

COMPUTER SCIENCE STUDENT

PROJECTS

Machine Learning Classifier

Apr. 2020

- Built a program to categorize online forum posts using natural language processing, Binary Search Trees, and Maps in C++

Quant App

Dec. 2019 - Mar. 2020

- Worked alongside Quant Committee within Kappa Theta Pi to develop algorithms that generate profit on a stock exchange
- Led the Algorithm Research Team to create a low-risk trading model using predictions from Bollinger Bands

CreativeAI

Dec. 2019

- Trained a language model to generate Shakespearean tweets by scraping data from Shakespeare's sonnets, using several heuristics to improve readability
- Leveraged Twitter API, Python, Tweepy library, and spaCy library to create a Twitter Bot that posts Shakespearean tweets

EXPERIENCE

Kappa Theta Pi - Professional Tech Fraternity

Ann Arbor, MI

Assistant Director of Membership

Mar. 2020 - present

- Coordinated recruitment and new member onboarding strategy, converting operations to virtual platforms while retaining culture
- Fostered supportive, closeknit community among 15 new members

Active Member

Sept. 2019 - present

- Developed and rearchitected organization's website using HTML, CSS, Bootstrap, and JavaScript alongside team of developers
- Engaged in project teams, professional development events, and bi-weekly chapter meetings on the topic of technology

Liberty Mutual Credit Union

Boston, MA

Women in Tech Program Fellow

May 2020 - present

- Selected among 100 undergraduates to participate in year-long program empowering women in technology through professional development webinar series including workshops and guest speakers
- Connected with senior LMCU software engineer mentor and discussed career development at bi-weekly meetings

Girls Who Code Club - Mount Saint Mary Academy

Club Founder

Sept. 2017 - June 2019

- Implemented and led club introducing and empowering around 30 female classmates to explore opportunities in computer science
- Developed and instructed introductory computer science outreach program for students at Title I schools

✉ cwaldro@umich.edu

☎ (732) 423-0393

🌐 /in/claire-waldron

🔗 cwaldro.github.io

EDUCATION

University of Michigan

Ann Arbor, MI | 2019 - 2023

College of Literature, Science and the Arts, B.S.

Major: **Computer Science**

GPA: 3.5 / 4.0

SKILLS

Front End:

HTML/CSS, Bootstrap

Back End:

C++, Python

Tools / Methodologies:

Agile (Scrum), Git Source Control, Adobe CC

COURSEWORK

Data Structures & Algorithms (W '21)

Discrete Mathematics

Programming & Data Structures

Statistics & Data Analysis

Cognitive Science

EXTRACURRICULARS

Kappa Theta Pi -

Professional Tech Fraternity

Zeta Tau Alpha

Wolverine Support Network