

Milo Lani-Caputo

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EDUCATION

[Colby College](#) — Bachelor of Arts — May 2023

- **Majors:** Computer Science, Physics
- **GPA:** 3.4
- **Relevant coursework:** [Software Engineering](#), [Data Structures & Algorithms](#), [Analysis of Algorithms](#)

SKILLS

- **Languages:** Python, Java, JavaScript, C, C++, HTML/CSS, SQL
- **Technologies:** AWS, Azure, Docker, Jira, Git, GitHub, Jenkins, PostgreSQL

EXPERIENCE

Software Engineering Intern, [Petal](#) — May 2022–August 2022

- Communicated with stakeholders to determine pain-points in data ownership and maintenance
- Developed an internal event-driven dbt run reporter in Python using DataDog client API
- Containerized tool using Docker and automated run behavior in microservices architecture
- Created DataDog dashboard and configured DataDog Slack alerts in Terraform for runtime errors
- **Outcome:** reduced Data Infrastructure support load and increased dbt error response time

PROJECTS

Scrum master, Peak Performance Athletics Service — student group project (2022)

- Laid out an Agile engineering plan with mockups for College Athletics Dept's athletics website
- Collaborated on a Flask (Python) web app, deployed dev and prod environments on Azure
- Configured automatic unit testing requirements for Continuous Integration on GitHub Actions
- Designed a PostgreSQL database and configured data ingestion through the Google Drive API

Developer, Guess the Tweeter — student group project (2022)

- Posed a research question: "Can the top 25 Twitter users be differentiated by their word usage?"
- Built a web scraper which assembled a 14000 Tweet vector dataset using the Twitter API
- Built and trained a neural network using Keras to identify Twitter users with 86% accuracy
- Presented and demonstrated tool to a group with a range of technical knowledge

ACTIVITIES

Scrum master & collaborator, managed 8 developers on Agile student dev team (October 2022)

Open-source contributor, [DataDog/documentation](#) (July 2022)

Captain of Colby Ultimate (Frisbee), co-led a team of 25 athletes, September 2022–May 2023

Player on Colby Ultimate (Frisbee), September 2019–May 2023

Treasurer/Music Director, group of 11: Colby Blue Lights a cappella group, May 2021–May 2023