

AMANDA PETTENATI

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EXPERIENCE

Recurse Center

January - March, June - August 2021

Participant

Remote

- Participated in a self-directed programming retreat. Pair programmed with other participants, collaborated on projects, participated in book clubs, and attended meetings to share and obtain advice.
- Focused studies on full-stack web development, programming languages, and data analysis.
- Projects built during the RC batches include:

RC Collaborator

projects.recurse.com

TypeScript, React, OAuth2.0, Node/Express, MongoDB, Cypress, Jest, MaterialUI, React Query

Full-stack application for Recursers to showcase projects and foster collaboration. Implemented authentication with RC's OAuth API, established end-to-end and unit tests, created a responsive UI, and established a CI and deployment pipeline using GitHub Actions.

GitHub Star Tagger

flamanda.com/github-star-tagger

TypeScript, React, GitHub REST API, Bootstrap

Application that fetches starred repos from GitHub's REST API and allows users to add and filter tags.

Cost of Drinking

christalee.teallabs.org/pages/cost-of-drinking.html

Python, Pandas, Jupyter Notebooks, Beautiful Soup

Interactive map displaying the cost of living index based on beer prices. Scraped, cleaned, and merged data from multiple sources. Joined the data with geographical information and created dataframes.

Credit Suisse

August 2011 - December 2020

Vice President

RTP, NC

- Began as an analyst with roles in the Client Valuations and Collateral Management departments. Promoted to AVP then VP while holding various roles in Client Documentation, Suspensions, Closures, Offboarding, Enablements, and the Treasury Department.
- Restructured department of 3 teams by re-engineering processes and reallocating resources to new locations across 3 countries. Worked with IT to build a web application and robots which automated manual processes and created a task priority queue, reducing manual effort by over 90%.
- Analyzed liquidity stress models to identify trends, set target capital requirements, and rebalance assets to ensure compliance with regulations. Created analyses for senior management and regulators with statistical models analyzing liquidity trends. Collaborated with IT to create a tool improving forecasting accuracy by integrating processes from 8 global teams, allowing time for additional rebalancing trades and reducing liquidity regulation errors to 0 for the US.
- Relocated Valuations team from NY to NC and established improved processes, documentation, and controls, reducing team cost by over 50%. Improved agile practices with IT, resulting in accelerated feature delivery, reduced defects, and more effective communication and documentation.

PROJECTS

MST Waypoint to Trackpoint Converter

April 2021

TypeScript, Geolib, CSV Parser, HTML/CSS

github.com/apettenati/mountains-to-sea-trail

Conversion tool for the Mountains to Sea Trail, a local nonprofit, to map waypoint data to the closest corresponding trackpoint. Converts data into a standardized CSV format for download.

NC Nonprofit Job Scraper

December 2020

Python, BeautifulSoup, Telegram API, Argparse

github.com/apettenati/ncnonprofit-jobscraper

Tool which scrapes new nonprofit jobs from an NC job site and sends results as a Telegram message.

VOLUNTEER

Code for America | Raleigh Brigade

October 2021 - Present

JavaScript, React, CSS, Node/Express

github.com/ncopenpass/CampaignFinance

Developing Campaign Finance, an application to create transparency around campaign finance data in NC. Implemented full-stack features including date filtering. Performed code reviews and implemented bug fixes.

EDUCATION

University of North Carolina Wilmington

August 2008 - May 2011

Business Administration — Finance

Wilmington, NC

Minor: Mathematics

cum laude