

Devin Fonseca

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Education:

University of Connecticut, Storrs, CT

Bachelor of Arts in Statistics, Minor in Mathematics – May 2022

Master of Science in Data Science - June 2023

Cumulative GPA: 3.70/4.00

Graduate GPA: 3.93/4.00

Skills:

Programming Experience: Python, R, SQL

Machine Learning & Deep Learning: Natural Language Processing, spaCy, Scikit-learn, Pandas, Pytorch, Seaborn

Miscellaneous: Database Modelling and Installation, Statistics, Hypothesis testing, Web-scraping, Data science pipeline (cleaning, wrangling, modeling, interpretation), AutoML, MLOps

Volunteer Projects:

Redistricting Algorithm

Libertarian Party of Connecticut May 2020

- Implemented an algorithm that used US Census data and geodata to redistrict county lines by finding the lowest population paths through each county to reduce gerrymandering.

Bulk SMS App

Libertarian Party of Connecticut April 2020

- Built a program in Python that automated the formatting process for over a thousand phone numbers and implemented a programmable bulk text messaging API.

Automated Inventory Input Program

Latin Accents July 2019

- Built a program that converted information from a PDF to a CSV file which was then cleaned and organized to output only the information necessary for automation.

Work Experience:

Claudius Legal Intelligence, Inc, Princeton, New Jersey

Data Science Intern November 2021 - June 2022

- Responsible for building a web-scraping script that also served as a data science pipeline that consisted of extracting, cleaning, wrangling, and parsing unstructured files and outputting them into structured and useful information.

Reesby, Melbourne, Australia

Machine Learning Intern August 2021 - November 2021

- Responsible for implementing a Deep Learning NLP model with artificial neural networks, and tuning the parameters until desired result.

University of Connecticut Surplus Department, Storrs, CT

Computer Programming Specialist August 2020 - present

- Supervised inventory cycle counting processes, including accounting and surplus records, product transfers, and product sales by building and implementing programs that expedited the inventory process