Devin Fonseca
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Education:
University of Connecticut, Storrs, CT
Bachelor of Arts in Statistics, Minor in Mathematics – May 2022
GPA: 3.69/4.00

Relevant Coursework: Computer Information Systems, Database Server Administration, Applied Linear Algebra, Analysis of Experiments, Design of Experiments, Mathematical Statistics, Stochastic Processes

Skills:
Programming Languages: Python, R, SQL, CSS, and HTML5
Machine Learning & Deep Learning: Natural Language Processing, spaCy, Scikit-learn, Pandas, Pytorch, Seaborn, Selenium
Miscellaneous: Database Installation, Statistics, Experimental design, Hypothesis testing, A/B testing, Data science pipeline (cleaning, wrangling, modeling, interpretation)

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 which 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.

Experience:
Claudius Legal Intelligence, Inc, Princeton, New Jersey
Data Science Intern November 2021 - Present
- Responsible for building 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 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