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EDUCATION

Yale University, New Haven, CT   December 2022
Sociology and Statistics and Data Science, GPA: 3.8
Thesis: Natural language processing of breast cancer patient forums, advocacy work, and matched data analysis on impact of cultural framing on funding success
Relevant Coursework: Machine Learning, Probability Theory, Data Engineering
Awards: Cohen Summer Public Service Fellowship awarded to fund data science research and data system development at Credit Counseling Services of Savannah over 2021 summer

EXPERIENCE

Consumer Credit Counseling Services of Savannah, Savannah, GA
Data Science & Data Systems Architect Fellow   Summer 2021 - Current
- Replaced manual data reporting and analysis with fully automated system with features such as survey management, automatic data analysis, and up-to-date report generation on client feedback and outcomes
- Identified inefficiencies in company's manual data collection and reporting process
- Developed web-based user-interface and dashboard with automated data flow using google cloud technology

Data Analyst Intern   Summer 2020
- Leveraged survey results and administrative data to conduct study on efficiency of services for 500+ clients over 10 years
- Aggregated, filtered, and cleaned survey and administrative data and provided descriptive statistical analytics
- Presented data report containing analysis on efficiency of company's debt-management services that clearly outlined key insights and solutions to drive improvements

Data 2 the People, *Data Science Fellow*, New Haven, CT   Summer 2021
- Successfully delivered data-collection and analysis solution in 8 weeks that resulted in informed decisions based in sound statistical models for local violence prevention program
- Designed and created web-based interactive data visualization to present urgent need for funding using D3.js
- Researched industry strategies and outcomes and analyzed national and state level data trends to set up comparison metrics and identify key performance indicators to inform data collection processes

Metis, *Data Scientist*, NYC, NY   Spring 2021
Accredited 14-week Data Science and Machine Learning immersive focused on data wrangling, statistical modeling, supervised & unsupervised machine learning, deep learning, NLP, and data visualization.
Most Recent **Projects** from Metis (*see more on my website/github*):
- Plant Classification with Neural Network: Leveraging deep learning to create an app that can classify a plant by an image of its leaf.
- Universal Healthcare NLP: Topic Modeling & Sentiment Analysis done on tweets discussing universal healthcare
- NYC COVID Transit Guide: Interactive visual travel guide using MTA traffic data to suggest optimal travel times and routes for safe travel using public transit

LEADERSHIP

Yale VITA, *Co-Director of Operations & Shift Coordinator*, New Haven, CT   October 2019 - Current
- Create and maintain new virtual platform for tax preparation volunteering and operations management of VITA chapter
- Manage shifts that total ~$27,000 in refunds for clients per shift.

Yale Queer + Asian *Co-President*, New Haven, CT   January 2019 - Current
- Oversee and organize six major social events, speaker events, discussion events, along with weekly dinners.
- Set meeting agenda and lead meetings with other board members to create a safe space for Yale's Queer and Asian community.

SKILLS AND INTERESTS

Computer & Data Science: Python, Pandas, Numpy, SQL, JS, Tableau, Bokeh, PowerBI, Machine Learning, Deep Learning, NLP, Data Engineering, R, Bayesian Statistics, Sequence Modeling, APIs, PyTorch, TensorFlow, Classification, Regression, PySpark, MongoDB, Python Django, Keras, GCP Cloud Functions & Storage, Web Scraping, Collaboration, Teamwork
Interests: Music (Electric Guitar & Dance), Martial Arts (Shotokan Karate)