NICK SAWHNEY

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PROFILE

I am a Software Engineer and Data Scientist with a passion for accessible data, visualization, and social impact. I have demonstrated engineering, research, and management experience, and I hope to find a challenging position that also provides real human impact. Learn more about my work at https://nicksawhney.github.io/me/

EXPERIENCE

Developer - Bernie Sits App — January 2021

Built and scaled viral meme-creation application using Flask, CV2, and Heroku amidst press attention and API costs. Covered in Wired, NYTimes, Insider, and others. Managed crowdfunding to pay for the site, totaling at 9.8 million API requests over 4 days.

SWE and Data Science Intern - Skopos Labs — 2019-2020

Built and maintained financial simulation application using Pandas, with custom data pipelining using AWS and Boto. Managed interns working on data science projects and taught visualization tools, e.g. seaborn. Focused on developer-oriented and test-driven development using nose and pytest.

Thesis in Social Statistics — 2020

Designed difference-in-differences model to predict the impact of fare-evasion arrest decriminalization on arrest patterns in the New York City subway system. Created datasets with NYC Open Data and pandas. Created interactive data exploration map with Folium in Python. https://nicksawhney.github.io/fare_evasion/

General Manager, WNYU Radio — 2019

Delegated tasks while managing finances and radio programming of FCC-licensed radio station. Hosted weekly podcast on technology news and social implications of modern technology

EDUCATION

NYU Tandon School of Engineering: MS Candidate in Computer Science on the Artificial Intelligence Track, c.o. 2022

NYU College of Arts and Sciences: BA in International Relations with Honors, c.o. 2020

GPA: 3.87, Magna Cum Laude

SKILLS

Python, Pandas, Numpy, Sklrean, Tensorflow, AWS, Elastic, C++, Pytest, Machine Learning, Neural Net Architecture, Jupyter, Shell, and others.