GEORGE KULINER

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TECHNICAL SKILLS

- Languages: Python, C++, R, SQL, MATLAB, JavaScript
- Software: Excel, Tableau, Salesforce, Zuora

EDUCATION

FORDHAM UNIVERSITY, GABELLI SCHOOL OF BUSINESS New York, NY

MS, Quantitative Finance, GPA 3.76 2020-2021

- Relevant Coursework: Blockchain Tech and App Dev, Advanced C++, Fixed Income Securities, Financial Econometrics, Risk Management, Computational Finance, Advanced Financial Modeling, Machine Learning and Econometrics, Basics of Derivatives, Stochastic Calculus, Intro C++, Python
- Dean's Scholarship, President of Fordham Quantitative Finance Society

STATE UNIVERSITY OF NEW YORK COLLEGE AT GENESEO Geneseo, NY

BS, Applied Mathematics and Economics 2015-2020

- Relevant Coursework: Statistical and Machine Learning, Econometrics, Data Analytics, Game Theory, Object Oriented Programing in Python, Money and Financial Intermediation, International Macroeconomics, Probability, Statistics, Financial Modeling, Quantitative Methods, Macroeconomics, Microeconomics, Real Analysis, Differential Equations, Numerical Analysis
- Honors and Awards: 2019 Mr. and Mrs. Kadambi Gopalachar Mathematics Scholarship, Dean's List Spring 2017, Fall 2017, and Spring 2020

EXPERIENCE

GABELLI SCHOOL OF BUSINESS, FORDHAM UNIVERSITY New York, NY

Research Assistant February 2021-Present

- Improving Federal Reserve GDP NOWCAST forecasts using machine learning models with alternative data, alternative data under NDA
- Testing various methods of measuring statistical significance of abnormal returns during stock events

SOURCEMEDIA (ARIZENT) New York, NY

Subscription Data Intern June 2019-August 2019

- Generated sales leads resulting in thousands of dollars in incremental revenue by developing automated scripts in Python to scrape and export data from emails into Excel and into Sales Force
- Increased efficiency in Salesforce and Zuora by creating automated scripts to link both databases in Python
- Eliminated over 13,000 redundancies by creating novel automation scripts in Python for removing redundant and duplicate entries in databases
- Improved sales team understanding of subscription data through visualizations created in python

GENESEO MATH DEPARTMENT Geneseo, NY

Research Assistant July 2018-August 2018

- Implemented and tested a new algorithm using MATLAB that merged Particle Swarm Optimization and Implicit Filtering algorithms into a hybrid global optimization method
- Presented findings at Mathematics Association of America Seaway Conference at St. John Fischer College, April 2019 in a 20-minute presentation

PROJECTS

EAGLE ALPHA DATA HACKATHON 2 February 2021

- Awarded first place out of five invited teams, lead by Dr. Gupta on improving Federal Reserve NOWCAST using alternative data

MACHINE LEARNING & ECONOMETRICS FINAL PROJECT December 2020

- Collected data through WRDS ,web scraped from SEC's EDGAR, and from Twitter API
- Implemented machine learning models with sentiment analysis and financial ratio calculations to predict stock performance

ASA DATA FEST, ROCHESTER INSTITUTE TECHNOLOGY March 2019

- Awarded honorable mention (second place equivalent) in Best Insight of Data category with team of Geneseo students, using feature engineering, support vector machines, and data visualization

ADDITIONAL

- Publication: On Lattice Point Weak b-Visibility , Co-Author, published The Minnesota Journal of Undergraduate Mathematics, Volume 5 (2019-2020 Academic Year)