Sean B. Eva

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EDUCATION

Georgia Institute of Technology	**2023**
Bachelor Of Science – Major: Mathematics, GPA 3.13	*Atlanta, Georgia*
Google Data Analytics Professional Certificate	**2023**

PROFESSIONAL EXPERIENCE

Taylor Frères America	**2017-2019**
Intern:	*Atlanta, Georgia*

- Researched the evolving markets of autonomous vehicles and blockchain technologies including journalist response, public response, and market response to developments the companies had in their development.
- Analyzed the market developments by looking at thousands of data points representing companies' stock values over a period of time to see how their values changed as a response to new and developing work.
- Performed quantitative analysis on these changes to attempt to make predictions on whether it would be an opportune time for someone to make an investment and how long they should hold for the best returns.
- Created basic visualizations of data and analysis to aid in the understanding and presentation of the information for both personal and for people who will see the body of work.
- Findings included investment strategies that would attempt to be advantageous for an investor to take advantage of the emerging technologies market as it unfolds.
- Presented my findings and strategies to company officials including my supervisor as well as the public and discussed critiques and modifications to my work that would improve it.

SKILLS

- Programming proficiency in Java, Python, R, and SQL.
- Proficiency performing data analysis using Excel, SQL, and R.
- Proficiency in data visualization using Excel, Tableau, PowerBI, and R.
- Professional speaking and writing skills in German.

PORTFOLIO

Personal Portfolio
GitHub Repo: https://github.com/Sean-Eva/Portfolio-Projects.git

An Exploration of Neural Networks, MATH 4803	**2022**

GitHub Repo: jchen3031/An-Exploration-of-Neural-Networks

- Learned about neural networks and applied the knowledge gained to datasets such as MNIST, Chars74K, and Petals to the Metal from Kaggle.
- Contributed to portions of the coding and a majority of the formal write-up and presentation displayed to the professor and officials of the Georgia Tech math department.
- Findings include 98% fit to MNIST data, 80% fit to Chars74K data, and 60% fit to Petals to the Metal dataset from a Kaggle competition.

Trucking Certification and Information Data Collection	**2021**

- Coded a script that would collect information online on thousands of truckers' certifications and would then compile that data in an organized table that would then be used to recruit candidates for a job position.
- This code would be run daily to collect data on trucker certifications as they were issued.

RELEVANT COURSEWORK

CS 1332 Data Structures and Algorithms	**2022**
CS 3510 Design and Analysis of Algorithms	**2022**
CS 3600 Intro to Artificial Intelligence	**2023**
MATH 3235 Probability Theory	**2021**
MATH 4347 Partial Differential Equations	**2022**
MATH 4803 Science Based Data Science	**2022**