

Sean B. Eva

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Personal Portfolio: <https://sean-eva.github.io>

EDUCATION

Georgia Institute of Technology

Bachelor Of Science – Major: Mathematics, GPA 3.13

Google Data Analytics Professional Certificate

2023

Atlanta, Georgia

2023

SKILLS

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

PROFESSIONAL EXPERIENCE

HomElectrical LLC

Data Analyst, Marketing, and IT

2024 – Present

Kennesaw, Georgia

- Created, scoped, and implemented solutions to problems utilizing SQL and JavaScript to create internal tools to allow team members to operate more efficiently and make smarter decisions.
- Analyzed data and created insightful dashboards with PowerBI to help communicate information to team members and create actionable findings.
- Established KPI reports to evaluate company-wide and departmental performance trends and expose areas for growth and development.
- Developed custom Python and SQL tools for team members to promote data-driven purchasing, stocking, and marketing decisions to better understand the company's performance.
- Coordinated with the marketing team to optimize advertising strategies across platforms such as Google and Bing in accordance with seasonality and buyer trends.

Taylor Frères America

Intern:

2017-2019

Atlanta, Georgia

- Analyzed market developments of emerging technologies by looking at thousands of data points representing companies' stock values over time to see how they changed as a response shareholder views.
- Performed quantitative analysis on these changes to attempt to make market predictions and develop strategies to take advantage of market trends and make the best returns.
- Created 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.

PORTFOLIO

Personal Portfolio

GitHub Repo: <https://sean-eva.github.io>

An Exploration of Neural Networks, MATH 4803

2022

GitHub Repo: [jchen3031/An-Exploration-of-Neural-Networks](https://github.com/jchen3031/An-Exploration-of-Neural-Networks)

- Learned about and implemented neural networks to datasets such as MNIST, Chars74K, and Petals to the Metal (Kaggle dataset).
- 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

**Design & Analysis of Algorithms | Science Based Data Science | Intro to Artificial Intelligence
Probability Theory | Data Structures & Algorithms | Partial Differential Equations**