

# Sean B. Eva

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

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## 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

*Intern: Data Analyst, Marketing, and IT*

2024 – Present

*Kennesaw, Georgia*

- Analyzed data and created insightful dashboards with PowerBI to help communicate information to team members and create actionable findings.
- 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.
- Increased Google Ad conversion rate by 12% by analyzing and segmenting customer base into B2B and B2C segments creating effective audience signals.
- Coordinated with the marketing team to optimize advertising strategies across platforms such as Google and Bing.

### 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.
- Findings included investment strategies that would attempt to be advantageous for an investor to take advantage of the emerging technologies market as it unfolds.

## 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**