

# 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

## 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.

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## PROFESSIONAL EXPERIENCE

### HomElectrical LLC

*Data Analyst Intern*

**2024 – Present**

- Utilized SQL to generate reports on product performances to promote data-driven purchasing, stocking, and marketing decisions.
- Developed custom Python tools for team members including the purchasing department to streamline data reporting and automate frequent data requests.
- Analyzed historical sales data and segmented customers into B2B and B2C categories to forecast future product demand.
- Collaborated with marketing team to analyze and 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.

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## 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.

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## RELEVANT COURSEWORK

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