

# Spencer J Rodgers

**Portfolio Website** - [Data Analyst Portfolio \(speejrogers2.github.io\)](https://speejrogers2.github.io)

Sports Data Scientist

Wheeling WV

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## PROJECTS

### Historical NFL Betting Trends Analysis (CS50 Capstone)

LINK -

[PortfolioProjects/Historical\\_NFL\\_Betting\\_Trends/NFL\\_Historical\\_Betting\\_Trends\\_Analysis\\_README.md at main · SpeeJRodgers2/PortfolioProjects \(github.com\)](#)

- SQLite Database
- Python

### Historical Fantasy Football Running-Back Analysis

LINK -

[PortfolioProjects/Historical\\_Fantasy\\_RB\\_Analysis/Historical\\_Fantasy\\_RB\\_Analysis\\_README.md at main · SpeeJRodgers2/PortfolioProjects \(github.com\)](#)

- BigQuery
- Google Sheets

## EDUCATION

### West Virginia Wesleyan College, Buckhannon WV - Applied Physics

August 2016 - May 2020

- Minor in Mathematics
- "Outstanding BA Student in Physics" Award & Dean's List 4 Years

## EXPERIENCE

### TROY Group Inc., Wheeling WV - Material Scientist

MAY 2021 - PRESENT

- Helped build the R&D raw materials & testing database
- Managing multiple projects at once
- Working in conjunction with multiple departments
- Released multiple products from end to end

## SKILLS

- SQL
- Excel
  - Pivot Tables
  - Visualizations
- Python
  - NumPy
  - Pandas
  - Matplotlib
  - Seaborn
- Hypothesis Testing
- Modeling
  - Regression
  - Naive Bayes
  - K-Means Clustering
  - Decision Tree
  - Random Forest
  - GridSearchCV
  - XGBoost
- Tableau
- Github

## CERTIFICATIONS & CLASSES

- Harvard CS50
- Google Data Analytics Certificate
- Google Advanced Data Analytics Certificate

## SOFT SKILLS

- Teamwork & Collaboration

