

# CHRIS CALLENDER

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[Portfolio Website](#)

[LinkedIn](#)

[Github Profile](#)

[Handshake Profile](#)

[Kaggle Profile](#)

## PROFILE

Recent mathematics graduate with interest in data science. Experience with programming languages such as R, Python (including libraries such as pandas, seaborn, numpy, matplotlib, Scikit-Learn, and TensorFlow), SQL, Tableau, and LaTeX as well as statistics, machine learning, and programming projects. Very hard worker with excellent problem solving skills, communication skills, a high attention to detail, and teaching experience.

## EDUCATION

Quinnipiac University, Hamden, CT

May, 2023

Bachelor of Arts, *Mathematics*, Minor in *Economics*

Cumulative GPA: 3.98, *Summa Cum Laude*

*James Fickes Award for Mathematical Excellence*

*Philosophy Honor Society*

## RELATED ACTIVITIES

(Additional projects can be viewed on my github, kaggle, and portfolio website)

*Sabermetrics Research*

- Completed this project for my senior mathematics course at Quinnipiac
- Gathered data and used methods such as Principal Component Analysis (PCA) to determine the greatest player of all-time
- Worked with professors to discuss findings and share information
- Presented my research to professors and students using visually appealing statistical graphs

*Advanced MLB Metrics*

- Gathered and cleaned data on WAR, wOBA, and wRC+
- Determined that wOBA, wRC+, and OPS are the best predictors of hitting ability
- Wrote a research paper, including visualizations, to present my findings

*R Data Science Project*

- Used R for exploratory data analysis, machine learning such as building a classification model and a linear regression model, as well as data preprocessing and data visualization
- Also studied how to clean data and handle missing data

*Data Visualization in Python*

- Used Python to analyze data of earthquakes, wildfires, and temperatures, as well as create a dice rolling simulator
- Used libraries such as matplotlib, plotly, numpy, and pandas
- Created bar graphs, time series graphs, and maps showing earthquake and wildfire locations and sizes

## RELATED COURSEWORK

Applied Statistics

Machine Learning

Econometrics

Math Modeling

Real Analysis

## SKILLS

Microsoft Excel, LaTeX, R, Python, SQL, Tableau, Problem Solving, Communication, Attention to Detail

## ADDITIONAL EXPERIENCE

Substitute Math Teacher, North Branford High School, North Branford, CT

March 2025-Present

- Taught Algebra and Geometry to freshmen and sophomores
- Helped students learn by promoting a safe and welcoming classroom environment

Janitor, Big Y, North Branford, CT

September 2018-Present

- Responsible for keeping the store safe and clean, as well as promoting a friendly and enjoyable shopping experience for customers

## ADDITIONAL ACTIVITIES

- Served as a leader for the clarinet section in the school band
- Have been playing piano for over 15 years
- Volunteer for charitable foundations such as St Baldrick's and Hope After Loss
- Avid baseball fan and played catcher for over 10 years