

Samuel Schappel
Clark NJ, 07066
908-577-4231 | samuelschappelwork@gmail.com
LinkedIn: <https://www.linkedin.com/in/samuel-schappel-b268021bb/>
GitHub: <https://github.com/sammyschapps87>

SUMMARY

Multidisciplinary, driven Data Analyst seeking an entry-level position to utilize skills in data science, statistics, and applied mathematics obtained through relevant coursework at the Rutgers Business School. Obtaining a certificate in Data Science from Rutgers University enables the ability to contribute to a fast-paced, competitive, and professional business environment.

TECHNICAL SKILLS

Tools: SQL, Python, R, VBA, Excel, MongoDB, JavaScript, Tableau, HTML, CSS, Git, Github

Databases: Dplyr, Shiny, Ggplot2, Tidyverse, Pandas, Matplotlib, Numpy, Seaborn, API Interactions, JupyterLab,

Machine Learning: Algorithmic Trading, Random Forests, k-Nearest Neighbors (kNN), Support Vector Machines (SVM), Linear Regression, Scikit-learn, XGBoost

EXPERIENCE

Statistical Analyst Internship

Bayer, NJ

Oncology Data and Computational Sciences

June 2022 - Present

- Worked in tandem with the Bayer oncology data and computational sciences' departments on stage I oncological clinical trial data
- Developed a data pipeline that intakes and subsets raw data, implements advanced statistical methods and outputs tumor response and survival rate visualizations as well as advances statistical tables
- Utilized skills in R, R-Shiny, and CSS to develop and deploy a SAS vs R cross validation web application to provide confirmation of properly conducted statistical analysis performed in SAS through the use of automated visualizations and statistical tables that highlight differences between SAS and R outputs

Teachers Assistant for Computing in Economics

Rutgers University, NJ

Teachers Assistant

September 2021 - December 2021

- Completed and graded twenty Python homework assignments and quizzes a week
- Gave feedback and met with students struggling to achieve the minimum requirements to pass the class.
- Weekly meetings with the professor to discuss new ideas and homework problems

EDUCATION

Rutgers University

Newark, NJ

Bachelors of Economics, Minor in Business Administration

September 2017 - May 2022

- **Dean's List:** Fall 2018, Spring 2019
- **Relevant Coursework:** Independent Study in Economics, Extended Independent Study in Economics, Seminar in Economics, Econometrics, Statistics 1, Economics of Inequality, Calculus 2, Money and Banking

Certificate in Data Science

Rutgers University, New Brunswick, NJ

Rutgers University

May 2021 - November 2021

- A 24-week intensive program focused on gaining technological programming skill sin Excel, VBA, Python, R, JavaScript, Tableau, Big Data, and Machine learning

PROJECTS

NYC Real Estate | https://github.com/sammyschapps87/independent_study

- An independent study at Rutgers University that manipulates New York City real estate data to create a time series model by Borough for changes in housing prices over 18 years.
- Scraped data from NYC department of finance rolling sales file, cleaned and transformed data, created visualizations, ran machine learning regression algorithms, and drew conclusions.
- Python, Pandas, Matplotlib, Seaborn, Numpy, Scikit-learn, BeautifulSoup