

Alexander Francesco Rosati

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LinkedIn: [linkedin.com/in/alexander-rosati/](https://www.linkedin.com/in/alexander-rosati/) Github: <https://github.com/ChessRosati>

Data engineer with a background in statistics from courses at North Carolina State and Sarah Lawrence College and experience in Python, SQL, Excel and JavaScript developed in University of North Carolina's Data Science Bootcamp. Excels at presentation and communication due to strong writing skills. Self-driven learner with a strong curiosity who quickly adapts to new systems. Detail-oriented thinker with strengths in editing and improving both code and writing.

Technical Skills

Python, R, HTML, JavaScript, SQL, noSQL, Excel, VBA, Data Manipulation & Visualization, Pandas, Jupyter Notebook, Matplotlib, Tableau, Machine Learning, TensorFlow, MySQL, PostgreSQL, MongoDB, GIT, AWS, Flask

Education

Sarah Lawrence College, Bronxville, NY, Bachelor of Arts, May 2019, Concentration: Writing and Literature

University of Iowa, Iowa City, IA, Iowa Writers' Workshop Summer Intensive May, June 2016

University of North Carolina at Chapel Hill, Chapel Hill, NC, Certificate in Data Analytics, November 2020

Projects

Belly Button Biodiversity Project

(<https://github.com/ChessRosati/Belly-Button-Biodiversity-Project>)

- Presented raw data in the form of a visually pleasing and easy to read dashboard.
- Used the plotly library to create a very compelling bubble plot.
- Written in Javascript and HTML.

Tensorflow Review Classifier

(<https://github.com/ChessRosati/Tensorflow-Text-Classification>)

- Used machine learning to create a neural net which categorizes movie reviews as negative or positive.
- Processed IMDb database of over 10000 movie reviews to use as training and test data.
- Written in Python using the Tensorflow platform.

League of Machine Learning Project

(<https://github.com/bonem97/league-of-machine-learning>)

- Led a team of four in a group project to create a machine learning model and present results.
- Used the Riot API to make predictions based on recent games using the model.
- Written in Python, JavaScript and SQL.

Experience

Marslender-West Asset Management, Intern - Raleigh, NC | 2018-18

Researched and reviewed investment opportunities for the firm. Further developed skills in presenting data-based narratives.

Duke Clinical Research Institute, Research Assistant - Durham, 2016-16

Assisted in writing a research paper on the long term health of heart transplant patients. Learned how to assess complex statistical results and use them to present a structured and compelling narrative.

Gocciolina, Waiter - Durham, NC, | 2015-15

Waited tables at Durham's finest Italian Restaurant. Gained experience communicating with and managing demands from customers in a high stress environment.