

MATTHEW ROSSI

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EDUCATION

University of Miami, Coral Gables, FL

December 2022

Bachelor of Science in Mathematics and Computer Science, *summa cum laude*

GPA: 4.00/4.00

HONORS AND AWARDS

Provost's Teaching Award for Transdisciplinary Learning

2022

Awarded by the Provost of the University of Miami for my work as a Teaching Fellow.

Footnote Honors

2019

The Honors Program of the University of Miami.

Benacquisto Scholarship, Presidential Scholarship

2019

Lead Miami Student Employment Program

2019

WORK EXPERIENCE

The NPD Group, L.P.

June 2022 – August 2022

Summer Associate, Global Technology – Enterprise

- Developed a Python tool in Azure Databricks that automates feasibility analysis for retail forecasting, saving the Analytics team an estimated 200 work hours per fiscal year.
- Built PowerBI reports for Enterprise teams from help desk ticket data, sharing insights to improve managerial efficiency, resource allocation, and tool utilization, reducing ticket turnaround time.
- Presented my work to executive leadership at the end of the summer.

Institute for Data Science and Computing, University of Miami

August 2021 – December 2022

Intern, Systems and Data Engineering Team

- Trained various machine learning models for classification on a corpus of cancer pathology notes.
- Prepared and presented scientific and technical reports.

Department of Student Activities and Organizations, University of Miami

August 2019 – December 2021

Student Financial Intern

- Using Microsoft Excel, tracked funding approvals and expenditures, assembled reports and data visualizations.
- Scripted custom Excel Macros that increased the speed of a weekly data entry process 15-fold.

LEADERSHIP/VOLUNTEER EXPERIENCE

Data Analytics Student Association, University of Miami

January 2022 – December 2022

President

- Led DASA, a career-focused programming organization at the University of Miami that connects students with industry professionals and the skills they will need to succeed in a career in or related to data analytics.
- Coordinated a small executive board in arranging and promoting speaker and workshop events.

The Politicane Magazine, University of Miami

August 2020 – December 2022

Managing Editor / Vice President / Co-Founder

- Coordinated a team of editors and writers to meet deadlines while producing quality political analysis.
- Hosted workshops for our team members to develop their writing and editing skills.
- Publications at thepoliticane.org promote political discourse on campus.

University of Miami

October 2021 – December 2022

Teaching Fellow, University of Miami

- Spring 2022:** Earned the Provost's Teaching Award for Transdisciplinary Learning for my contributions to the experimental, discussion-based course *Religion and Sacred Space in the Era of Virtual Reality and Artificial Intelligence*.
- Fall 2022:** Served as Teaching Fellow for the Honors freshman seminar course *Books that Matter*.

Interfraternity Council, University of Miami

January 2022 – December 2022

Vice President of Communications

- Oversaw the activities of twelve fraternity chapters as part of the student executive committee.
- Responsible for formal communication with chapters and recording meeting minutes.

TECHNICAL SKILLS

Tools: Git, vim, VSCode, Jupyter, LaTeX, Unix, PowerBI, Power Apps, Power Automate, Azure

Programming Languages: Python, C, R, Java, VBA

Data Tools: Pandas, PySpark, NumPy, Databricks, PyTorch, Tensorflow/Keras, scikit-learn, SAS, SQL, matplotlib