

Nicolas Mazzei

Personal info

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Profile

MS graduate in Data Science. Proficient with in demand data science skills such as Python, Machine Learning, Statistical Modeling, and Data Visualization. Exposure to skills such as R, MATLAB, and SQL. I'm dedicated to continuously learning to keep myself fresh in our changing world. My passion in life is to understand deep problems in order to craft unique and efficient solutions. I look forward to tackling both institutional and personal goals as I develop my skills further.

Work experience

Math Tutor Hudson Valley Community College

📅 08/2016 – 05/2017 📍 TROY, NY, UNITED STATES

Aided professional tutors in the enrichment and reinforcement of mathematical concepts such as algebra, trigonometry, calculus, and differential equations.

Supervisor Pastime Legends

📅 04/2014 – 12/2015 📍 ALBANY, NY, UNITED STATES

Worked with management to develop employee schedules, submit weekly payroll, perform daily register audits, complete weekly bank deposits, and compile quarterly stock and supply reports.

Education

Data Science (MS) University At Albany

📅 08/2018 – 05/2020 📍 ALBANY, NY, UNITED STATES

- Coursework in Machine Learning, Statistics, and Topological Data Analysis (TDA)
 - Statistics: Statistical Data Analysis, Hypothesis Testing, Time Series Analysis
 - Machine Learning: Optimization Theory, Deep Learning, TensorFlow, PyTorch
 - TDA: Rips Filtrations, Mapper, Dimensionality Reduction
 - General: Python, SQL, MATLAB, Excel
- Completed two practicum courses where I developed a system to recognize handwritten Latin characters with tools from TDA, and completed multiple projects with machine learning in Python.
- Cumulative GPA: 4.0

Mathematics and Physics (BS) University At Albany

📅 08/2017 – 05/2019 📍 ALBANY, NY, UNITED STATES

- Graduated Summa Cum Laude
- Awarded Distinguished Honors in Mathematics for graduating with the highest cumulative GPA among mathematics graduates for the class of 2019
- Cumulative GPA: 4.0

Mathematics (AS) Hudson Valley Community College

📅 01/2016 – 05/2017 📍 TROY, NY, UNITED STATES

Skills

Python	TDA	Data Visualization
Number Theory	Machine Learning	MATLAB
Regression Analysis	Statistical Modeling	Data Analysis
Data Cleaning	TensorFlow/Keras	Convex Optimization
Java	SQL	R
Management	Leadership	Research