

Daniel Moscoe

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EDUCATION

City University of New York, School of Professional Studies New York, NY
Masters in Data Science (MSDS) 12/2021

- GPA: 4.0 / 4.0
- Coursework includes Machine Learning, Statistics, Python and R Programming, Simulation and Modeling Techniques, Predictive Analytics, Data Visualization.
- Built strong relationships with colleagues to solve complex problems.
- Capstone project: Predicting academic outcomes for undergraduates using demographic and assessment data.

City University of New York, Hunter College New York, NY
Advanced Certificate, Computer Science Education 5/2021

- Developed pedagogical strategies for Java Python, and Git.

City University of New York, Hunter College New York, NY
Masters in Adolescent Mathematics Education (MA) 5/2010

- GPA: 4.0 / 4.0

Cornell University, College of Agriculture and Life Sciences Ithaca, NY
Bachelors in Applied Economics and Management (BS) 1/2005

- GPA: 3.75 / 4.0

EXPERIENCE

Diagnostic Assessment and Achievement of College Skills (DAACS) New York, NY
Data Analyst 8/2021 to present

- Developed predictive models of undergraduate academic outcomes using R on Amazon Elastic Compute Cloud.
- Presented findings directly to stakeholders.

Columbia Secondary School New York, NY
Math Teacher and Department Chair 9/2015 to 10/2020

- Developed innovative curricular materials with a dual focus on mathematical rigor and effective communication.
- Led professional development on evidence-based practices for effective feedback.
- Collaborated with administrators to coordinate broad instructional themes across content areas in both middle school and high school.
- Received highest performance rating (“highly effective”) every year since 2015.

William W. Niles School Bronx, NY
Math Teacher 9/2011 to 6/2015

- Used student assessment data to drive achievement.

New Roots Charter School Ithaca, NY
Math Teacher 8/2010 to 6/2011

ADDITIONAL INFORMATION

- Partially proficient in SQL, Spanish.
- Dual citizen: USA, Canada.