

Daniel Moscoe

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EDUCATION

City University of New York, School of Professional Studies New York, NY
Masters in Data Science (MSDS) In progress

- GPA: 4.0 / 4.0
- Coursework includes Machine Learning, Statistics, Python and R Programming, Simulation and Modeling Techniques, Predictive Analytics.

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

- Developed pedagogical strategies for intro CS concepts in Java and Python.

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 Agricultural Economics (BS) 1/2005

- GPA: 3.75 / 4.0

EXPERIENCE

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 math department professional development, including on evidence-based practices for effective student 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

- Students strongly agreed that their “success and well-being matter to me in a serious way,” and that I “insist upon real understanding, not just memorization, and I will not let you give up, even when the work becomes difficult.”
- Developed instructional materials to support mathematical argumentation and the Common Core Standards for Mathematical Practice.

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

- Founding geometry teacher.
- Mentored students in advisory.

Independent Tutor

2010 to present

- Subjects include AP Calculus, undergraduate statistics, and logic.

ADDITIONAL INFORMATION

- New York State teacher certification for mathematics (grades 7-12) and computer science (grades K-12) (pending).
- Partially proficient in Spanish.
- Dual citizenship: USA and Canada.