

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.

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) 12/2005

- GPA: 3.5 / 4.0

EXPERIENCE

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

- Received highest performance rating (“highly effective”) every year since 2015.
- 96% of students reported they “learned a lot” or “learned a tremendous amount” in sixth grade math, based on most recent survey results.
- Developed individualized instruction using Zoom, Google Classroom, and other tech tools during Spring 2020. Detailed feedback and regular live instruction in large and small groups led to high rates of student engagement during remote learning.
- Designed and facilitated individual and collaborative student work leading to authentic work products. Incorporated principles from Universal Design for Learning.
- Led professional development on using individualized education plans to improve instruction for all students.
- Led math department inquiry into improving student engagement through feedback and cultivating growth and belonging mindsets in students.
- Redesigned parent-teacher-student conference logistics. Created a system of grade-wide individualized progress reports to facilitate data-driven conversations with families.

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.

NEW YORK TEACHING CERTIFICATION

- Professional Certificate for Mathematics, grades 7-12.
- Initial Certificate for Computer Science, grades K-12 (pending).

ADDITIONAL INFORMATION

- Partially proficient in Spanish.
- Dual citizenship: USA and Canada.