Daniel Moscoe

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EXPERIENCE

Diagnostic Assessment and Achievement of College Skills (DAACS)　　New York, NY
Data Analyst　　8/2021 to 12/2021
- 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

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

ADDITIONAL INFORMATION
- Expert user of Excel, PowerPoint.
- Partially proficient in SQL, Spanish.