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RICHARD CAPELESS

OBJECTIVE

To obtain employment as a mathematics tutor of students at the high school and college levels

EDUCATION

2009 - 2011 State University of New York at Albany
Master of Arts in Mathematics

2000 - 2004 State University of New York at Albany
Bachelor of Arts in History and Mathematics

PROFESSIONAL EXPERIENCE

2024 - Present SUNY Adirondack (Queensbury, NY)
Adjunct Professor

- Part-time position teaching Survey of Mathematics (MAT 109)

Summer 2024 SUNY Adirondack Educational Opportunity Program (Queensbury, NY)
Math Specialist

- State University of New York program for economically disadvantaged students
- Classroom assistant and recitation leader for Developmental Mathematics (MAT 090)

2023 - Present Bryant & Stratton College (Albany, NY)
Adjunct Professor

- Part-time position teaching Workplace Mathematics (MATH 101), Quantitative Reasoning (MATH 201), and Statistics (MATH 309)

2012 - Present R-Omega Mathematics Tutoring Service (Albany, NY)
Owner/Operator, Tutor

- Tutoring of high school and college students studying all levels of high school math including AP Calculus

PROFESSIONAL EXPERIENCE (CONTINUED)

2018 - 2023 Upward Bound at John Jay College of Criminal Justice (New York, NY)

Instructor

- Federally funded program for economically disadvantaged students
- Summer position teaching math enrichment classes for students entering grades 9-11 and one SAT prep class for students entering grades 11-12

2019 - 2022 New York City College of Technology (Brooklyn, NY)

Adjunct Professor

Classes taught: Quantitative Reasoning (MAT 1190), College Algebra and Trigonometry (MAT 1275CO), Precalculus (MAT 1375), Calculus 1 (MAT 1475), Discrete Structures and Algorithms (MAT 2440)

2014 - 2020 Bespoke Education (New York, NY)

Tutor

- Tutoring of NYC high school and college students studying all levels of high school math including AP Calculus
- Test prep tutoring for the SAT math subject test and the math sections of the SAT and ACT
- Co-author of questions for the mathematics section of the 2017 Bespoke SAT test prep guide

Summer 2017 Upward Bound at Columbia University (New York, NY)

Instructor

- Federally funded summer program for underprivileged high school students
- Summer position teaching math enrichment classes for students entering grades 10-11

2015 - 2016 Educational Talent Search at John Jay College (New York, NY)

Instructor

- Federally funded summer program for underprivileged middle and high school students
- Summer position teaching math enrichment classes for students entering grades 7-9 and one PSAT prep class for students entering grades 10-11

Summer 2014 Bryant & Stratton College (Albany, NY)

Adjunct Professor

- Part-time position teaching Survey of Mathematics (MATH 103) to Medical Assistant students

2009 - 2013 Capital Region BOCES (Albany, NY)

Substitute Teacher

- Part-time position as a secondary public school substitute teacher

PROFESSIONAL EXPERIENCE (CONTINUED)

2011 - 2012 La Salle Institute (Troy, NY)

Instructor

- Permanent substitute for three sections of Algebra 2 & Trigonometry (grades 10-11)

2004 - 2008 Albany High School (Albany, NY)

Teaching Assistant

- Full-time position as math lab teaching assistant (grades 9-12)
- Extensive experience working with special needs students
- Temporary position teaching Algebra 1

RESEARCH INTERESTS

- Progressive, inclusive mathematics curriculum design
- Applications of mathematics to music
- Proof theory
- History of foundations of mathematics

VOLUNTEER EXPERIENCE

2018 - 2022 National Jazz Museum in Harlem (New York, NY)

Audio Technician

Spring 2017 Richard R. Green High School of Teaching (New York, NY)

Teaching Assistant

2010 - 2012 La Salle Institute (Troy, NY)

Assistant Coach, Freshman Basketball / Statistics, Varsity Basketball

2007 - 2008 Crohn's and Colitis Foundation of America (Kinterville, PA)

Camp Oasis Summer Camp Counselor

2001-2002 WCDB Albany (Albany, NY)

Radio DJ

REFERENCES

References are available upon request.