



STEM Education Ph.D. (Current)

Math Education Researcher

Tutor • Mentor • Lecturer

Web Developer • Educational Software Developer

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Email ali.adnan.termos@gmail.comGitHub <https://github.com/alitermos>LinkedIn <https://linkedin.com/alitermos>

Brief Description of Career Work / Portfolio ... Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam iacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

PERSONAL

Date of Birth August 8, 1996

Citizenship United States • Lebanon

Spoken Languages English • Arabic • French

General Interests Data Science • Computational Mathematics • Data Analysis and Visualization • Modeling • Software Engineering • Math Education • Educational Software Development

Special Interests Numerical Methods & Algorithms • Matrix Theory • Inverse Problems • Statistical Analysis • Machine Learning • Experiential-based Learning • Project-based Learning • Active Learning • Instructional Theory & Design • Innovative Math Instruction • Creative Lesson Planning • Differentiated Instruction

Prospects Mentoring • Educating • Researching • Tutoring

Soft Skills Strategic Planning • Collaboration • Team Leadership • Logical Analysis of Procedures • Research Production • Tutoring and Mentoring • Organizing Tasks

Technical Skills Data Analysis • Git • GitHub • Bitbucket • LaTeX • Linux • Windows • MacOS • WordPress Design

Coding Languages Matlab • Python • Java • HTML • CSS • Java Script • Django

EXPERIENCE

Mathematics Tutor

University of Massachusetts Dartmouth • *Spring 2018 / Present*

Research Assistant (Undergrad)

University of Massachusetts Dartmouth • *Summer 2018 / Fall 2018*

Senior Capstone (Undergrad)

University of Massachusetts Dartmouth • *Fall 2018 / Spring 2019*

PROJECTS

Exploding Dots

Experience-based Learning in K-12 Algebra • [Link](#)

Inverse Problems

1-Dimensional Modeling & Solutions for Vibrating Beams • [Link](#)

Applied Statistics

Project-based Learning in Statistical Analysis • [Link](#)

EDUCATION

B.S. Applied & Computational Mathematics

University of Massachusetts Dartmouth • *Spring 2019*

PUBLICATIONS

Journal Articles & Reports

1. A General Mathematical Theory of Depreciation, 1929, *Journal of The American Statistical Association* 20, 340–353.
2. A General Mathematical Theory of Depreciation, 1929, *Journal of The American Statistical Association* 20, 340–353.

Books

1. Book1, A General Mathematical Theory of Depreciation, 1929, *Journal of The American Statistical Association* 20, 340–353.
2. Book2, A General Mathematical Theory of Depreciation, 1929, *Journal of The American Statistical Association* 20, 340–353.