

Moustapha P Niang

9940 Richmond Avenue · Houston, TX 77042

nianpm0@gmail.com · (832) 274-7730

Authorized to work in the US for any employer (US Citizen)

Mathematics Instructor

PROFILE

Mathematics instructor with good communication and leadership skills seeking a part time adjunct position in a world class institution that allowed me to utilize my Mathematic skills for school benefit that will also help to improve my career.

EDUCATION**University of Texas at Arlington**

Bachelor of Science-Mechanical Engineering and a minor in Math

December 2012**Houston Community College, Texas**

Associate degree of Science in Math

May 2006**PROFESSIONAL EXPERIENCE****Houston Community College, Houston, TX****January 2013-Present****Math Professor/Adjunct Professor of Mathematics/Tutor level III**

- Teach college level courses through Calculus, as well as Statistics, and Finites Math and development math.
- Graded homework assignments, often including developing grading schemes, and entering scores electronically for Linear Algebra and Abstract Algebra in different semesters.
- Directed weekly review sessions and guided small groups and individual students through specific problems. Occasionally assisted with in-class group work for Abstract Algebra.
- Addressed student questions to improve understanding of general concepts and solve specific problems. Communicated ideas to students in a variety of ways to facilitate understanding.

University of Texas at Arlington, Texas**Undergrad Teaching Assistant****August 2010-December 2012**

- Directed weekly review sessions for Calculus I and II, Multivariable Calculus, and Differential Equations in different semesters either alone or with one other Teaching Assistant.
- Scored problems on midterms and finals for classes of 20-300 students; occasionally developed grading rubrics.
- Guided small groups and individual students through specific problems.
- Addressed student questions and improved understanding of general concepts.
- Communicated ideas to students in a variety of ways to facilitate understanding.

Advanced Mathematics Team Lead/Houston community college Mathematics tutor level 3**Houston community College, Houston Texas****January 2005-July 2010**

- Excelled at using technology to enhance mathematical competencies of on level and honors earlier college learners
- Promoted to the role of Team Leader for the Advanced mathematics college instructional team after being mentored for only 3 years.
- Leadership duties included the development of effective curriculum development strategies, the implementation of data teams, and the performance of training assessments.
- Effectively addressed student weaknesses and enhanced their strengths while ensuring the continued acceleration of each student's mathematical skill proficiencies.

Skills

Teaching and tutor assistance more than (10 years), Grading, Tutoring, Latex, Pearson's, MyMathLab/ MyStatLab, Web assigned, Communication, Creativity, Word, Excel and PowerPoint

AFFILIATIONS AND AWARDS

- HONORS AND ACTIVITIES: Phi Beta Kappa, 2012
- Department Award in Mathematics,2012
- Honor given for excellence in Mathematics achievement, as selected by the SID high school in Dallas Texas
- Scholarship funds summer research in the natural sciences, awarded to one student annually.
- American Society Mechanical Engineers (ASME)
- United for Help Nonprofit organization association.

Language

Fluent in English and French.