

JUAN ESTEBAN RESTREPO

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Education

2011–Present **Master of Science in Mathematics**, *University of Illinois at Chicago, USA.*

- Expected in FALL 2012.
- Concentration on Probability and Statistics, over all GPA: 4.0/4.0.

August—2009 **Bachelor of Science**, *Universidad de los Andes , Colombia,S.A.*

- Major in Mathematics GPA: 3.26/4.00.

August—2009 **Option in Physics**, *Universidad de los Andes , Colombia,S.A.*

— UNDERGRADUATE THESIS

title *About the spaces of solenoidal vectors (Sobolev Spaces)*

Advisor Andrei Giniatouline

Academic Background

Mathematics Calculus, (Differential,Integral and Vectorial),Linear Algebra, Discrete Mathematics, Complex Variable, Mathematical Analysis, Measure Theory, Logic, Topology, Spectral Theory

Geometry Euclidean and Noneuclidean Geometry, Differential Geometry

Physics Physics for scientists and engineers (levels I,II,III,IV with labs), Mathematical methods for physicists and engineers, Electromagnetism, Atomic and molecular physics

Statistics Advanced Statistical Theory, Applied Statistical Methods , Sampling Theory, Linear Statistical Inference

Computing Numerical Analysis

Finance Financial Mathematics

Working Experience

2008 **Teaching Assistant department of mathematics**, *Universidad de los Andes, Colombia.*

- Problem Solving -Integral Calculus

- 2009 **Instructor, department of mathematics, *Universidad de los Andes***, Colombia.
2008–2009 **Tutoring, department of mathematics, *Universidad de los Andes***, Colombia.

Languages

Spanish Native
English Fluent

Computer Skills

OS Windows, Mac
Statistics SAS
Scientific MATLAB
Programming C
Typography Microsoft Office