

Giang Thanh Truong/Curriculum Vitae

CONTACT INFORMATION	425 309 1234 gt6503@princeton.edu
PERSONAL INFORMATION	<ul style="list-style-type: none">• Citizenship: Vietnam
EDUCATION	<p>Princeton University, New Jersey, NY 2021-Present</p> <ul style="list-style-type: none">• PhD in Operations Research & Financial Engineering <p>University of Rochester, Rochester, NY 2017-2021</p> <ul style="list-style-type: none">• Honors BS in Mathematics• Magna Cum Laude & Departmental Highest Distinction
HONORS AND AWARDS	<p>University of Rochester</p> <ul style="list-style-type: none">• Dean's list for all eligible semesters. 2017-2021• Merit-based Dean's Scholarship for all eligible semesters. 2017-2021 <p>High school for the Gifted - VNU, Ho Chi Minh, Vietnam</p> <ul style="list-style-type: none">• Merit-based Scholarship for Top Performance in Math from Vietnam Institute for Advanced Studies in Mathematics (VIASM).
RELEVANT COURSEWORK	Financial Calculus, Probability, Real Analysis, Intro to Mathematical Finance, Stochastic Process, Statistical Mathematics, Operation Research.
RESEARCH EXPERIENCE	<p>University of Rochester Summer 2019 - Spring 2020</p> <p>Advisor: Carl Mueller</p> <ul style="list-style-type: none">• Prove the uniqueness of a three-dimensional system of stochastic differential equations up to the time where the process first blows up or hits zero.• Amend the proof of uniqueness of the two-dimensional system of stochastic differential equations up to the stopping time in the article On Uniqueness and Blowup Properties For A Class of Second Order SDES. <p>University of Rochester</p> <p>Research Experience for Undergraduates Summer 2018</p> <p>Advisor: Alex Iosevich</p> <ul style="list-style-type: none">• Apply polynomial method in combinatorics to Erdős distinct distances problem.
PUBLICATIONS	<ul style="list-style-type: none">• C.Mueller and G.Truong(2020) Uniqueness of a three-dimensional stochastic differential equation. <i>Involve, a Journal of Mathematics</i>: Vol.13 :No.3.• C.Mueller, E.Neuman, M.Salins, and G.Truong (2020) An improved uniqueness result for a system of SDE related to the stochastic wave equation. <i>Journal of Stochastic Analysis</i>: Vol.1 :No.2, Article 1.
TEACHING EXPERIENCE	<p>University of Rochester Rochester, NY</p> <p>Teaching Assistant</p> <ul style="list-style-type: none">• MATH 202 (Introduction to Stochastic Process), Spring 2021• MATH 201 (Introduction to Probability), Fall 2020• MATH 172 (Honors Calculus II), Spring 2020

- MATH 171 (Honors Calculus I), Fall 2019
- MATH 172 (Honors Calculus II), Spring 2019
- MATH 171 (Honors Calculus I), Fall 2018

LEADERSHIP
EXPERIENCE

VietAbroad
Guest Speaker, Mentor

Ho Chi Minh City
August 2017

- Give a presentation on the US college application process for international students.
- Mentor students on their application process, including writing essays and preparing financial documents.

COMPUTER AND
TECHNICAL SKILLS

- Proficient in Python.
- Proficient in \LaTeX and Microsoft Office suite.
- Proficient in Minitab and Websim.