Ngoc Minh Quang Nguyen - Curriculum Vitae

General Information

- Born: August 6, 1999, Nha Trang, Khanh Hoa, Vietnam

- Nationality: Vietnamese

- US Visa Status: F-1 (Full-time Academic Student)

- Email: nminhquang.99@gmail.com (Personal) and nnguyen22@luc.edu (Work)

- Phone: 937-925-6791 (Cell)

- Website: qntkhvn.github.io/quang

- LinkedIn: linkedin.com/in/mqnnguyen

- GitHub: github.com/qntkhvn

Education

- **Loyola University Chicago**, Chicago, Illinois

  Master of Science, Applied Statistics   Expected December 2021

  – Graduate Merit Award

- **Wittenberg University**, Springfield, Ohio

  Bachelor of Science, Mathematics and Data Science   Graduated May 2020

  – Summa Cum Laude; GPA: 3.97/4.00
  – Departmental Honors in Mathematics
  – Phi Beta Kappa and Pi Mu Epsilon

Research Interests

Sports Analytics; Data Visualization; R Packages; Mathematical Statistics.

Research Experience

- Loyola University Chicago, Department of Mathematics and Statistics, Chicago, Illinois

  Graduate Research Assistant   August 2020 - present

  Aging Curve Simulation. Advised by Dr. Gregory J. Matthews.

- Wittenberg University, Department of Mathematics and Computer Science, Springfield, Ohio

  Senior Honors Thesis Research   August 2019 - May 2020

  Predictive Models of English Premier League Goal Scoring. Advised by Dr. Douglas M. Andrews.

Academic Experience

- Wittenberg University, Springfield, Ohio

  Math Workshop Head Tutor August 2018 - May 2020

  Subjects tutored: Mathematics, Statistics, and Data Science (all levels); Chemistry, Economics, and Computer Science (introductory level); GRE Quantitative.

- Wittenberg University, Springfield, Ohio

  Faculty Aide (Teaching/Research Assistant) August 2018 - May 2020

  Courses assisted: International Business; Business Research Methods; Global Social Entrepreneurship; Business Ethics and Leadership.

- Clarkston Senior High School, Clarkston, Michigan

  S.U.M. (Student Understanding Math) Assistant January 2017 - May 2017

  Courses assisted: Algebra II.

Computing Skills

- Proficient: R/RStudio, Minitab, MS Excel and other Office Apps
- Experience: SAS, Python, Java, SQL, MongoDB

Presentations & Posters

- Presentation (pre-recorded). *"Poisson Modeling and Predicting English Premier League Goal Scoring."* Midwest Sports Analytics Meeting, November 2020.

- Presentation. *"Poisson Modeling and Predicting English Premier League Goal Scoring."* International Research Symposium, International Education Week, Loyola University Chicago, November 2020.

- Presentation. *"Poisson Modeling and Predicting English Premier League Goal Scoring."* Ohio State Sports Analytics Conference, November 2020.

- Poster. *"Poisson Modeling and Predicting English Premier League Goal Scoring."* NextGen: Data Science Day, New England Statistical Society, November 2020. **Poster Competition Co-Winner, Undergrad/MS Group**.

- Poster. *"Poisson Modeling and Predicting English Premier League Goal Scoring."* Carnegie Mellon Sports Analytics Conference, October 2020.

- Poster. *"Poisson Modeling and Predicting English Premier League Goal Scoring."* UConn Sports Analytics Conference, October 2020.

- Presentation (pre-recorded). *"Something Fishy About Manchester United's Distribution of Goals Scored."* Department of Mathematics and Computer Science's Colloquium Series, Wittenberg University, October 2020.

Awards & Honors

- Awards

  - Merit Award, MS in Applied Statistics Program, Loyola University Chicago, 2020-2021
  - The Charles and Elsie Little Mathematics Award, Department of Mathematics and Computer Science, Wittenberg University, March 2020
  - Mathematics 202 Award, Department of Mathematics and Computer Science, Wittenberg University, June 2019
  - Textbook Award, Department of Mathematics and Computer Science, Wittenberg University, June 2019
  - International Student Scholarship and International Student Grant Program, Wittenberg University, 2017-2020

- Honor Societies

  - Phi Beta Kappa, Omicron of Ohio Chapter, Wittenberg University, May 2020
  - Pi Mu Epsilon, Ohio Upsilon Chapter, Wittenberg University, March 2020
  - Phi Eta Sigma, Midwest Region Chapter, Wittenberg University, March 2018

- Academic Honors

  - Summa Cum Laude, Wittenberg University, May 2020
  - Departmental Honors in Mathematics, Department of Mathematics and Computer Science, Wittenberg University, April 2020
  - Pick and Pen, Wittenberg University's junior honorary, March 2019
  - Dean's List, Wittenberg University, Fall 2017 - Spring 2020

- Other Honors

  - The Charles E. Chatfield Global Awareness Award Nominee, Wittenberg University, Spring 2020
  - Homecoming Royalty Nominee, Wittenberg University, Fall 2019

Coursework

- Graduate   Statistics - Current GPA: 4.00/4.00

  - Advanced Statistical Inference (Independent Study, Spring 2021)
  - Nonparametric Statistics (Spring 2021)
  - Categorical Data Analysis (Spring 2021)
  - Probability & Mathematical Statistics
  - Applied Regression Analysis
  - SAS Programming & Applied Statistics

- Undergraduate   Statistics/Data Science - GPA: 4.00/4.00

  - Mathematical Statistics
  - Univariate Probability
  - Statistical Modeling
  - Introduction to Data Science with R

- Computer Programming II with Java
  - Computer Programming I with Python
  - Databases
  - Data Analysis with Minitab

- Undergraduate   Mathematics - GPA: 4.00/4.00

  - Graph Theory
  - Real Analysis
  - Abstract Algebra
  - Linear Algebra
  - Multivariable Calculus
  - Differential Equations
  - Foundations of Geometry
  - Discrete Mathematics & Proofs
  - Calculus I and II

University Involvements

- Leadership
  - International Orientation Assistant, Office of International Education, Wittenberg University, Fall 2018 & Fall 2019
  - Wittenberg Math Club, Secretary and Chair of Contest Recruitment, 2018-2020
  - Wittenberg Trivia Night, Student Host, Spring 2020
- Other Activities
  - East Asian Studies Club, Wittenberg University, Fall 2019
  - American International Association, Wittenberg University, Fall 2017

Community Service

- The Fuller Center for Housing, Service Immersion Trip, Wittenberg University, Spring 2019

  Service site: Americus/Albany, Georgia

Languages

Bilingual: Vietnamese (native language) and English (proficient)

Exchange Programs

- Educatius Group, US F-1 Academic Exchange Program, Clarkston, Michigan, 2016-2017

- Cultural Academic Student Exchange (CASE), Lead Hill, Arkansas, 2015-2016