Armand Dang

Chicago, IL | +1 (917) 387-7205 | armand@uchicago.edu | LinkedIn

EDUCATION

The University of Chicago **Chicago, IL**
Master of Science in Financial Mathematics **Expected Dec 2025**

- Courses: Portfolio Theory & Risk Management, Python, Option Pricing, Probability & Stochastic Processes
- Awards: Alpha Maroon Scholar (Merit Scholarship)

Bachelor of Arts in Economics with Specialization in Data Science, Minor in Astrophysics **Jun 2022**

- GPA: 3.57/4.00
- Courses: Financial Econometrics, Computer Science with Applications, Statistical Models & Methods, Linear Algebra, Multivariable Calculus, The Elements of Economics Analysis, Accounting & Financial Analysis
- Awards: Dean's List 2019

Horace Mann School **New York, NY**
High School Diploma **Jun 2018**

SKILLS

Computing: Python, Jupyter, Stata, R, SQL, C, MS Office
Knowledge: Financial Markets, Statistical Modeling, Data Analytics, Econometrics, Macroeconomic Research

EXPERIENCE

Corebridge Financial (Formerly AIG Life & Retirement) **New York, NY**
Junior Macro Strategist **Feb 2024 – Sep 2024**

- Supported monitoring of market and economic news and actions that impacted investment portfolio, and helped formulate macroeconomic forecast and strategy to generate actionable ideas for various asset classes
- Conducted research on United Kingdom and Spain economies with focus on housing to assist investment teams located internationally and support overseas portfolio allocation, while maintaining Stata-based forecast models
- Enhanced existing model using error-correction approach to improve long-term UK housing price forecast

Global Macro Analyst **Apr 2023 – Feb 2024**

- Supplied routine and ad-hoc macroeconomic and commercial real estate scenario analysis, including generating internally consistent forecasts based on internally developed scenarios and those produced by regulators
- Co-authored "Weekly Macro Monitor" covering global economies, distributed firm-wide

American International Group (AIG) **New York, NY**
Investment Analytics Analyst **Jul 2022 – Apr 2023**

- Developed mutator tool in Python to help modeling team predict future scenario values for various asset classes using data dynamically obtained via Oracle connection using SQL to support model functionality
- Created interest rate tool in Python which generates and rolls forward curves to assist quarterly data generation

Investment Analytics Summer Analyst **Jun 2021 – Aug 2021**

- Designed Python program to monitor interest rates and compare forward curves produced by different models at previous month ends to realized data of interest rates dynamically obtained from databases and shared storage
- Enhanced effectiveness of interest rate models through programmatic analysis, improving portfolio allocation

Elevation Gained Partners **Boulder, CO**
Private Equity & Advisory Intern **Feb 2020 – Aug 2020**

- Analyzed prospective acquisition targets and conducted extensive market analysis, including sizing and segmentation of target sectors, supporting firm's principles in developing investment theses
- Served as leader of Cybersecurity Investment Thesis team, ensuring materials were client-ready

EXTRACURRICULAR

Neighborhood Schools Program **Chicago, IL**
Volunteer **Jan 2019 – Jun 2019**

- Coordinated after-school program at Hyde Park Neighborhood Club for over 75 children

ADDITIONAL INFORMATION

Interests: Volunteer work, Water Polo, Basketball, Rowing, Tennis, Guitar