QIYUAN (ELIVIA) CONG

(646) 750-5576 // elivia.cong@nyu.edu // linkedin.com/in/eliviacong

EDUCATION

Expected 12/26	**NEW YORK UNIVERSITY**	New York, NY

The Courant Institute of Mathematical Sciences
M.S. in Mathematics in Finance
- *Coursework:* singular value decomposition, boosting, bagging, numerical optimization, Brownian motion, Ito integral, Girsanov's theorem, stochastic calculus techniques

06/24	**NEW YORK UNIVERSITY**	New York, NY

B.A. in Mathematics
- *Coursework:* ordinary differential equations, partial differential equations, Runge-Kutta methods, Gaussian quadrature, Black-Scholes-Merton model, risk-neutral dynamics
- *Honors/Awards:* Dean's list (2020-2023)

EXPERIENCE

03/24 - 07/25	**WUYIGE CERTIFIED PUBLIC ACCOUNTANTS LLP**	Shanghai, China

Assistant Auditor (Dinstar)
- Created audit reports independently for top Chinese asset management firm's products
- Conducted annual audit assessments and compiled reports for parent company, subsidiaries, and their consolidated data

07/23 - 09/23	**NEWDO VENTURE**	California (Remote)

Investment Assistant Intern
- Created comprehensive summary of AI industry, mapping out company distribution, identifying leading enterprises, and evaluating core technological advantages
- Designed investment assessment analysis for AI-powered digital investing platform KOIN and delivered presentation to clients

08/22 - 09/22	**WISDO MONT CAPITAL**	Shanghai, China

Industry Analyst Intern (Python)
- Initiated research analysis summary of DNA data storage industry based on business model, competitive landscape, and development trends over past 10 years and next 10 years
- Produced in-depth evaluation of top Chinese biotech company's core technology and financial distribution, and presented investment opportunities to managers with modeling data

PROJECTS

01/23 - 03/23	**NORTH CAROLINA STATE UNIVERSITY**	North Carolina (Remote)

Using CAPM for Pricing Risky Securities (Python)
- Examined theoretical applications of Capital Asset Pricing Model when assessing risky pricing securities
- Assessed strategies for constructing portfolios that optimally balance risk and return according to capital market line

09/22 - 12/22	**NEW YORK UNIVERSITY**	New York, NY

Numerical Analysis (Python, MATLAB)
- Implemented different numerical analysis models using Python, evaluating multiple approaches to solving ODEs and comparing their effectiveness
- Analyzed advantages and limitations of each method in approximating results, and used MATLAB to visually interpret and compare results

COMPUTATIONAL SKILLS / OTHER

Programming Languages: Python, Java, MATLAB, LaTeX
Languages: English (fluent); Mandarin (native)