

Chi Tang

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Skills

Programming: MATLAB, Python, LaTeX

Mathematics: Calculus, Linear Algebra, Financial Mathematics, Probability

Certifications: Society of Actuaries (SOA) Financial Mathematics, SOA Probability, Bloomberg Market Concepts

Education

Boston University, Questrom School of Business Boston, MA

M.S. Mathematical Finance & Financial Technology Expected January 2022

- Coursework: Statistics, Programming (R, Python, C++), Stochastic Methods of Asset Pricing

University of Connecticut Storrs, CT

B.A. Mathematics - Actuarial Science [GPA 3.73] May 2020

- Coursework: Financial Mathematics, Advanced Financial Mathematics, Introduction to Mathematical Statistics I, Long-Term Actuarial Mathematics, Multivariable Calculus, Probability, Actuarial Loss Models, Short-Term Insurance Ratemaking

Experience

Changsha Municipal Bureau of Statistic Changsha, China

Data Assistant July 2017 - August 2017

- Analyzed monthly traffic flow of Changsha city (Excel)
- Studied population growth in the downtown area and three suburban areas; found factors such as schools and shopping malls influenced the growth in the downtown area
- Created online surveys and distributed to residents to collect household population information

Projects

University of Connecticut Storrs, CT

Share Price Project April 2020

- Calculated share prices in Black-Scholes model and replication model; visualized prices and found share price when strike price is \$100. Solved for implied share price and option price.

Insurance Pricing Project March 2020 - April 2020

- Assessed yearly renewable term and level premium, correlated internal rate of return (IRR) changes with different factors; tested IRR computation
- Visualized data, showed advantages and disadvantages of different insurance products and sensitivity of IRR to interest rate fluctuations

Additional Information

- Languages: Mandarin, English, Japanese
- Interests: Travel (10 countries), music (ukulele)
- Worked as note assistant at UConn Center for Students with Disabilities
 - Helped students improve knowledge of basic financial mathematics by explaining the class topics using diagrams and simple language
 - Outlined study tips and provided after-class quiz
 - Regularly communicated with students on how to deal with difficulties they were facing
 - Created more pattern notes for students with dyslexia