

Benjino Chery

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SUMMARY

As a dedicated Mathematics major, I possess a robust academic foundation in analytical modeling, complemented by proficient programming skills. I am eager to employ and improve my analytical skills further by engaging in practical, hands-on experiences.

EDUCATION

Baruch College | New York, NY

December 2024

Bachelor of Science in Financial Mathematics | Minor: Computer Science

GPA: 3.69

Relevant Coursework:

- **Data Structures and Algorithms:** Learned to design and implement efficient algorithms, enhancing problem-solving capabilities.
- **Mathematics of Statistics:** Performed hypothesis testing and time series analysis.
- **Introduction to Machine Learning:** Built supervised machine learning models for prediction and binary classification tasks.

PROFESSIONAL EXPERIENCE

Medrite | New York, NY

Case Management

June 2023 - Present

- Evaluate the needs of clients to develop and implement a customized care plan that helps them reach their goals
- Work closely with other professionals like social workers and counselors to ensure comprehensive client care
- Maintain thorough and accurate records of client assessments and interactions

PROJECTS

Pricing European Options

- Conducted an independent study to price European options using Python, yielding valuable insights for informed decision-making in the context of financial market dynamics
- Implemented a Monte Carlo simulation in C++ to price options, demonstrating that increasing the number of simulations enhances accuracy.
- Emphasized the role of strike price in determining option values, highlighting its inverse correlation with call options and direct relationship with put options.

Data Analytics Projects

- Conducted an in-depth analysis of ride patterns in a bike-sharing system to uncover user preferences and behavior
- Suggested the implementation of special weekday promotions, including rewards for consistent usage to attract more casual users during weekdays and maximize bike utilization
- Used scikit-learn to predict whether videos presented claims or opinions to improve triaging process of videos for human review
- Built random forest and decision tree to identify variables that can help increase employee retention.

LEADERSHIP

SEO Career | New York, NY

SEO EDGE Participant

June 2024 - Present

- Receive coaching and online instruction to achieve targeted interview, technical, and professional developmental goals
- Complete industry-specific training and assessments focused on developing technical skills, institutional knowledge, and attention to detail

CERTIFICATIONS

Google Data Analytics Certificate

[HTTPS://WWW.CREDLY.COM/BADGES/96BEE11A-6211-42A9-802F-D79006585F80/PUBLIC_URL](https://www.credly.com/badges/96BEE11A-6211-42A9-802F-D79006585F80/PUBLIC_URL)

SKILLS AND INTERESTS

Computer: Proficient in C++, Python, Familiar with Java, R, SAS, AWS, SQL

Languages: Fluent in French and Spanish

Technical: Statistics

Interests: Philosophy, Fitness, Soccer, and Basketball