

# Benjino Chery

## CONTACT

benjinochery95@gmail.com | benjinochery@icloud.com | (984) 322-1305 |  
<https://benjinochery.github.io/> | [www.linkedin.com/in/benjino-chery-65bb9b241](https://www.linkedin.com/in/benjino-chery-65bb9b241)

## SUMMARY

An aspiring quantitative analyst and dedicated Financial Mathematics major, I possess a robust academic foundation in analytical modeling, complemented by proficient programming skills. Experienced in employing quantitative techniques to dissect intricate data and derive actionable insights.

## SKILLS

- Proficient in C++, Java, Python, R, Pandas, NumPy, and Microsoft Office Suite, Statistics, Time Series Analysis, Data Cleaning, Data Visualization, Problem Solving, Data Presentation.
- Fluent in French and Spanish.

## EXPERIENCE

### PRICING EUROPEAN OPTIONS USING PYTHON FOR STRATEGIC INSIGHTS

- Independently conducted a comprehensive study to price European options using Python, yielding valuable insights for informed decision-making in the context of financial market dynamics.
- Emphasized the role of strike price in determining option values, particularly its inverse correlation with call options and direct relationship with put options.
- Demonstrated delta-gamma hedging as an advanced methodology to mitigate portfolio risks during substantial stock price movements.

### CYCLISTIC BIKE-SHARING ANALYSIS

- Conducted an in-depth analysis of ride patterns in a bike-sharing system to uncover user preferences and behavior.
- Identified trends in ride lengths between casual and member users.
- Suggested the implementation of special weekday promotions, including rewards for consistent usage to attract more casual users during weekdays and maximize bike utilization.

### CONSUMER FITNESS BEHAVIOR ANALYSIS

- Conducted a comprehensive analysis of smart device fitness data to drive strategic insights for a high-tech manufacturer of health-focused products for women.
- Suggested the creation of weekend-centric wellness initiatives to leverage the observed heightened weekend calorie burn.

## EDUCATION

Baruch College | New York, NY

Expected Dec 2024

Bachelor of Science in Financial Mathematics

Minor: Computer Science