Aarij Rehman

aarij.rehman@gmail.com - (630)-649-0990 – 349 E 52nd St, New York, New York, 10022

EDUCATION

Northwestern University   **Sep 2017 – Jun 2021**
B.S. Industrial Engineering & M.S. Computer Science   *Evanston, IL*
- B.S. GPA – 3.65, M.S. GPA – 4.0
- B.S. in Industrial Engineering 2017-2020 & M.S. in Computer Science 2020-2021

WORK EXPERIENCE

Marley Finance   **August 2021 – Current**
Software Engineer   *New York, New York*
- Software Engineer for fintech startup Marley Finance – Provides point of sale financing for booking venues
- Building backend APIs using Flask interfacing with a MySQL database
- Enabled frontend session management through browser-based cookies
- Added OTP verification on login through Twilio Verify

J.P. Morgan   **August 2021 – Current**
Interest Rate Exotics Analyst   *New York, New York*
- Analyst on the J.P. Morgan Exotic Swaps Desk
- Created Python text scraping tool to automate reading hedge fund quotes

J.P. Morgan   **July 2020 – August 2020**
Interest Rate Options Intern   *New York, New York*
- Worked as a summer intern for the swap derivatives desk
- Analyzed realized volatility for swap quotes surrounding economic events over the last 10 years
- Predicted 30 Year Swap Spreads based on outcomes of a Treasury Refunding Announcement
- Built a model for the algo desk that analyzed hit ratios based on quotes' distances from Bloomberg mid-prices

Computer Science 214: Data Structures   **April 2020 – June 2020**
Undergrad Teaching Assistant   *Evanston, IL*
- Worked with course staff to facilitate the teaching of data structures
- Held weekly office hours where students came in for help with coding assignments, homeworks, and theory
- Graded and provided feedback on assignments every week

TD Ameritrade   **June 2019 – August 2019**
Active Trader Internship   *Chicago, IL*
- Automated processes involving employees' bonus structures saving managers over 20 hours per quarter
- Won 1st in firm-wide Ideation Challenge presenting directly to CEO and EVP
- Helped rework options education platform to better explain option fundamentals

PROJECTS

Bluetooth-Enabled Wi-Fi Monitor (C Language)   **January 2021 – March 2021**
- Built a system of devices to monitor Wi-Fi networks and communicate information over BLE Advertisements
- Added Wi-Fi connectivity for Nordic Microcontrollers using ESP Wi-Fi modules
- Designed a central-peripheral communication scheme where Wi-Fi metrics are requested over Bluetooth by a central and measured on demand by 2 or more peripherals

SKILLS & INTERESTS

Software/Skills: Python, Go, JS, Rust, C, SQL, Bloomberg, LaTeX
Interests: Poker, Home Improvement, Chess