

# JOSEPH E. YUSUFOV

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## Education

### New York University

*Bachelor of Arts in Computer Science and Economics*

Sep. 2020 – May 2024

*New York, NY*

### Relevant Coursework

- Data Structures and Algorithms
- Agile Development and DevOps
- Operating Systems
- Computer Architecture

## Experience

### Fidelity Investments

*Full Stack Engineering Intern*

June 2022 – August 2022

*Jersey City, NJ*

- Performed a full database audit working under the Securities Finance team, classifying highly confidential internal data and increasing Securities Lending storage efficiency by up to 20%.
- Conducted Proof-Of-Concept research into stablecoins on the Ethereum network, and their applications in Institutional Finance, specifically Fully-Paid securities lending.

### DonateStock

*Systems Engineer*

October 2020 – Present

*New York, NY*

- Constructed a NodeJS document processing utility to facilitate the secure transfer of assets from a donor to a charitable organization through a broker.
- Researched, analyzed, and endorsed various elements of the current DonateStock technology stack, and collaborated with the DonateStock engineering team to ensure the resiliency of the stack

### Crizit, LLC

*Full-Stack Developer Intern*

May 2020 – September 2020

*New York, NY*

- Collaborated directly with the founders of Crizit, along with talented developers and designers to develop a HIPAA-compliant medical assessment tool, build a dynamic, cutting-edge marketing site for a forward thinking law firm, and optimize eCommerce stores running on the Shopify platform.

## Leadership / Extracurricular

### NYU Model United Nations

*Head Delegate*

May 2021 – May 2022

*New York University*

- Represent the NYUMUN Travel Team, an elite group of experienced delegates, when interacting with other schools and other organizations on campus.
- Collaborating with the other Head Delegate to create a standardized Model UN curriculum for the Travel Team.

### Sigma Phi Epsilon Fraternity

*VP of Member Development*

Oct 2021 – Nov 2022

*New York University*

- Hold brothers accountable to themselves and the chapter by administering the Balanced Man Program, a series of progressive challenges for the brothers that promote self improvement and growth.
- Encourage professional, academic, and mental enrichment by matching brothers with peer mentors in the Fraternity, as well as professional mentors in the workforce.

### Mathematical Finance Group

*Trading Team Member*

February 2021 – Feb 2022

*New York University*

- Worked with fellow Trading Team members to create a stock price prediction model which predicts tomorrow's price of a given stock with an r-squared value of 0.96.

## Technical Skills

**Languages:** C/C++, JavaScript, Python, Solidity, Java, HTML/CSS, PHP, SQL

**Technologies/Frameworks:** React, NodeJS, WordPress, Docker, Linux, git

## Interests

**Academic and Professional:** Cryptography, Econometrics, Ethereum, Game Theory, DevOps

**Everything Else:** Russian Literature, Vintage Watches, Option Spreads Trading