Viktor Basharkevich

New York, NY | basharkevichv@gmail.com | 551-427-4030 | ViktorBash.com | US Citizen

EDUCATION

Columbia University   **New York, NY**
Bachelor of Science in Computer Science   Aug 2022 - Expected May 2026
- **GPA:** 3.94 / 4.00
- **Relevant Coursework:** Operating Systems, Computer Networks, Advanced Programming, Data Structures in Java, Databases, Fundamentals of Computer Systems, Discrete Mathematics

WORK EXPERIENCE

JPMorgan Chase & Co.   **Jersey City, NJ**
Software Engineer Intern – Asset & Wealth Management   June 2024 – Aug 2024
- Achieved **88% time reduction** in importing trades functionality via Excel for investment analysts
- Coordinated with traders to build features for order generation and trade compliance screens
- Efficiently migrated React component to internal library for utilization in **2 microservices**
- Developed API endpoints in Java Spring Boot and Apache Lucene, coded trader screens in React

Themis Technology   **Kearny, NJ**
Software Engineer   June 2023 – Aug 2023
- Hedge Fund Analysis & Trading Software
  - Managed trading & analysis software used by hedge fund, built in C#, Microsoft SQL Server
  - New documentation resulted in **52% quicker resolution** of downtime incidents, mitigating loss
  - Coded Windows batch script to replace failing part of pipeline for preparing financial reports
- Newspaper Legal Notices Software Product
  - Created Azure architecture mockup with pricing estimates for legal notice archive application
  - Negotiation resulted in **$1.75 per notice** with NY Press Assoc. prev $0.07/notice, **25x increase**

Themis Technology   **Kearny, NJ**
Software Engineer   May 2022 – Aug 2022
- Built, delivered financial frontend application using Angular and RxJS observable based architecture
  - Implemented GitHub issue tracking and feature requests into project to streamline workflow
  - Communicated with stakeholders on project management, product features, and business strategy
- Dockerized and deployed NodeJS server to Azure, set up Sentry for error & performance monitoring

NJ Governor's School at Drew University   **Madison, NJ**
Student Researcher   July 2021
- Collaborated with peers, coded architecture to train/test/score **7 machine learning** (ML) algorithms
- Continued research in dimensionality reduction, training time **reduced from 3 hours to 8 minutes**

PROJECTS

VimForDocs.com – Profitable Chrome Extension
- Implement Vim in Google Docs, reverse engineered Docs to simulate keyboard input, JavaScript
- **1,000+ users,** 200+ paid users, **$4,157 in revenue** to-date using payment integration with Stripe

C++ Chat Server
- Built dynamic chat server that has peer-to-peer, server-client and offline functionality
- Used socket programming, created custom protocols, implement reliable data transfer on top of UDP

MarketEye.us - Stock Sentiment Predictor
- Coded website to display sentiment of **all S&P 500** stocks based on Tweets, used Python & Django

SKILLS

Programming Languages: Python, C, JavaScript, TypeScript, HTML & CSS, Java, C++, C#, R
Technical Skills: Amazon Web Services (AWS), Linux, UNIX, Git, Socket Programming
Frameworks: Angular, Django, React, Agile