Nghia (Harry) Duong

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EDUCATION

Northeastern University, D'Amore-McKim School of Business   **Boston, MA**
Candidate for BS in Computer Science and Business Administration   *Expected May 2026*
Concentration: **Finance**   **GPA: 3.863**
Awards and Activities: Dean's List, Vietnamese Student Association
Relevant Coursework/Certifications: Statistics, Fundamentals to Computer Science 1 & 2, Object-Oriented Design, Discreet Mathematics

WORK EXPERIENCE

Advisory - Technology Risk   **Expected June 2025 – August 2025**
KPMG US   *Boston, MA*

Peer Tutor   **January 2024 - Present**
Knack Tutoring   *Boston, MA*
- Conducting one-on-one or group settings tutoring sessions for 9 undergraduate college students in Accounting, Fundamentals to Computer Science, and Discrete Structures, receiving a 5-star rating from student reviews
- Organizing personalized lesson plans to assist students in understanding key concepts, solving problems, and providing guidance on practical applications of theoretical knowledge

Business Development Officer   **July 2023 - September 2023**
LianLian Global Vietnam   *Hanoi, VN*
- Conducted research on the e-commerce and financial services industry to identify customers' needs, market trends, and the competitive landscape to ascertain potential market opportunities
- Examined and tested new product features, ensured timely and up-to-standard delivery, and attended to possible errors
- Consulted and established contacts with customers on product features and fees, **acquired four high-profile clients**

Compliance Officer   **April 2023 - July 2023**
LianLian Global Vietnam   *Hanoi, VN*
- Thoroughly reviewed and monitored documents for **over 1000 transactions daily** for approval, performed **anti-money laundering (AML)** auditing, and reported suspicious transactions
- Collected and analyzed weekly data using **PivotTables** on cash-flow trends and the origin of funds to identify potential weaknesses and implemented restrictions to ensure compliance with financial regulations and ethical standards
- Collaborated with cross-functional teams to conduct Know Your Customer (KYC) processes for both individual customers and businesses, ensuring eligibility and a safe environment for existing customers

PROJECT EXPERIENCE

Personal Stock's Portfolio | Java   **June 2024**
- Developed a stock portfolio management system, enabling users to manage purchased stocks within personalized portfolios.
- Implemented key functionalities including stock buying/selling, portfolio creation, portfolio composition viewing, rebalancing (selling overvalued and buying undervalued stocks), performance tracking over periods, moving average/crossover analysis.
- Utilized the Model-View-Controller (MVC) design pattern, leveraging hashmaps for data compression into CSV files and an API key for real-time data fetching.
- Designed a user-friendly graphical interface using JFrame and JPanel for a comprehensive user experience.

LightEmAll Game | Java   **April 2024**
- Developed the LightEmAll game, a puzzle where players connect pipes to create a grid powered by a central station
- Employed **Kruskal's algorithm** using 2D List to generate game levels by creating a minimum spanning tree that ensures all tiles are connected without cycles, implemented Breadth-First Search to check for connectivity of grid and endgame

Minesweeper | Java   **March 2024**
- Built the Minesweeper game, the objective is to extinguish all hidden "mines" without detonating any
- Developed a rendered graphical user interface using Java's AWT and Swing libraries, rendered difficulty settings and first-click safety for improved user experience
- Implemented advanced algorithms, including recursive loops for flood fill and win/loss detection, use of 2D ArrayLists data structures for the board, and cell neighbor management

SKILLS AND INTERESTS

Technical Skills: Java, Python, ISL Racket, HTML/CSS, MS Word, MS Excel, MS PowerPoint
Languages: Vietnamese, English
Interests: Cooking, Coffee Hopping, Shopping, Music, Video Games, Baking, Singing, Photography, Escape Rooms