

# Mika Nguyen

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Availability: June – December 2025

## EDUCATION

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**Northeastern University**, Boston, MA | Khoury College of Computer Sciences Sept. 2023 – Present  
*Candidate for Bachelor of Science in Data Science and Business Administration* Expected May 2027  
Concentration: *FinTech*  
GPA: 3.76 | Dean's List (Fall 2023, Spring 2024, Fall 2024)  
Coursework: Advanced Programming with Data | Information Presentation & Visualization | Database Design |  
Large Scale Information Storage & Retrieval | Financial Econometrics & Data Modeling

**Lowell High School**, San Francisco, CA Jun. 2023  
Coursework: Calculus | Probability & Statistics

## TECHNICAL KNOWLEDGE

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Languages: Python | SQL (MySQL, SQLite)  
Tools: Microsoft Excel | Git | Tableau | Docker | PyCharm | DataGrip | Visual Studio | Python Flask | Streamlit  
Libraries: Altair | Matplotlib | Pandas

## PROJECTS

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**SyncSpace – Data-driven Application for Experiential Learning** | SQL, Python Nov. – Dec. 2024

- Collaborated on a team project to create a data-driven application aimed at enhancing the co-op experience by addressing the challenges of relocation, housing, transportation, and community building
- Designed and implemented a MySQL database, developed a REST API using Flask, and created an interactive interface through Streamlit to simulate key features of user interactivity

**Comparative Text Analysis of Marketing Language Used in Dating App Campaigns** | Python Nov. 2024

- Developed a reusable Natural Language Processing (NLP) library to analyze text data, comparing marketing campaigns and user reviews from dating platforms Tinder and Hinge
- Identified disparities in brand messaging and user perception through sentiment analysis and extraction of key themes, producing actionable insights supported by data visualizations
- Evaluated campaign effectiveness and highlighted gaps in user experience, contributing to a clearer understanding of brand positioning

**City of Boston Archaeology Program – 1775 Charlestown Census Analysis** | Python May – Jun. 2024

- Analyzed historical census data and compared it with modern US Census trends, uncovering insights into changes in gender, racial diversity, and employment over time
- Produced interactive and static visualizations using Altair and Tableau to support the identification of potential excavation sites and presented findings to the City of Boston Archaeology Team

## EXPERIENCE

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**Generate Product Development**, Boston, MA Sept. 2024 – Present  
*Financial Analyst*

- Researching and assessing various budgeting processes, including zero-based budgeting, for implementation in Spring 2025 to encourage intentional spending and align finances with organizational goals
- Supporting management of the finance pipeline by assisting with financial planning, purchasing, and reimbursements to streamline operations using Microsoft Excel

**The Walt Disney Family Museum**, San Francisco, CA Jun. 2022 – Aug. 2022  
*Finance / Human Resources Intern*

- Verified and imported company credit card expenses into Financial Edge accounting software, ensuring accurate coding, adherence to financial guidelines, and precise financial tracking
- Digitizes and organized HR files and company archives into secure, searchable digital format, improving accessibility and information management

## INTERESTS

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Volleyball | Crocheting (Arts & Crafts) | Baking | Scenic Walks | Languages: Japanese