

MICHELLE QING

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EDUCATION

DUKE UNIVERSITY, The Fuqua School of Business

Durham, NC

Master of Science in Quantitative Management: Business Analytics, Finance Track

May 2025

GPA 3.93; Selected Admissions Ambassador

Coursework: Programming for Data Analytics, Modern Analytics, Derivatives, Applied Probability and Statistics, Business Communication, Data Science for Business, Introductory & Intermediate Finance, Data Infrastructure

NORTHEASTERN UNIVERSITY, Houry College of Computer Sciences

Boston, MA

BS in Computer Science and Business Administration (Finance), Minor in Information and Graphic Design

May 2024

GPA 3.7, Dean's List. Club Running; Selected CS1210 Teaching Assistant.

Coursework: Computational Methods – Applications in Finance, Database Design, Algorithms, Fintech and Financial Innovation

EXPERIENCE

BAIN AND COMPANY, Data and Analytics

Boston, MA

Business Analyst Intern

Jan – Jun 2023

- Devised and built content to align with firm initiatives, presenting at meetings to audience of ~160
- Built dashboards in Tableau, visualizing service tickets to track real-time performance
- Spearheaded connectivity initiative for 160 people, successfully bridging remote groups
- Formulated multi-departmental organization chart that delineated team roles and responsibilities, fostering enhanced clarity and collaboration
- Redesigned consultants' pricing site, coordinating with a new team to implement company style guide and stress client features, improving consultant-client engagement

NBCUNIVERSAL, ADSMART Department

New York, NY

Data Engineer Intern

Jan – Aug 2022

- Gathered data using Scala on viewership information for advertising department insights
- Engineered comprehensive monitoring function with AWS services to publish an interactive dashboard that displays key individual metrics, facilitating real-time data analysis
- Researched and incorporated Amazon Neptune into company, comparing to current database services

WWW.MICHELLESOUTOFTOWN.COM – WWW.DEPOP.COM/MICHELLEQING

Dec 2020 – Present

Founder of Self-Created Clothing Brand

- Launched personal website with WordPress, HTML, and CSS for self-designed clothing brand
- Established unique brand from scratch; acquired expertise in social-media advertising, customer service, and detailed financial management using Excel for detailed cost and revenue tracking
- Curated profile showcasing designed, photographed, and produced handmade clothing
- Donated portion of profits (gross profits ~\$33,000 and ~1,700 shirts) to several charities after becoming a top seller within a few months, sending products to six different countries

PROJECTS

Predicting House Prices (Python). Developed a data-driven machine learning solution to accurately predict house prices in Denver, leveraging historical data and a multilayer perceptron network. Optimized MLP architectures with multiple layers, leveraging dropout, batch normalization, and hyperparameter tuning to reduce overfitting and achieve competitive performance

Improving Duke University Division 1 Track and Field Team and Athlete Performance (Excel). Reprogrammed master Excel sheet to track various 30+ division 1 athletes, cleaning data to efficiently predict future race results, goals and expectations. Created a spreadsheet to optimize athlete recruiting process, combining multiple data sources to elevate future team performance.

TECHNICAL CAPABILITIES

Languages: SQL, Python, R, JavaScript, Racket, HTML, CSS, Scala, C, Java

Systems: Tableau, Advanced Excel, PowerPoint, Figma, Jupyter Notebook, Zeppelin, ServiceNow, Adobe InDesign, Adobe Illustrator, MacOS, Linux, Amazon AWS, Git

ADDITIONAL INFORMATION

Design, fashion, running half marathons, business news, exploring new cities, playing violin, watching soccer