VANESSA QUON
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EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY   Cambridge, MA
Candidate for Master of Finance, February 2026   2024 - Present
- Intended concentration in Financial Engineering, Impact Investing
- Anticipated Coursework: Advanced Financial Mathematics, Financial Engineering, Financial Data Science and Computing, Advanced Analytics of Finance, Quantitative Investment Management

UNIVERSITY OF BRITISH COLUMBIA   Vancouver, Canada
Bachelor of Applied Science in Computer Engineering   2020 - 2024
- Coursework: Software Construction, Data Structures and Algorithms, ML, Multivariable Calculus, Statistics
- Awards/Scholarships: Trek Excellence Scholarship, UBC TUUM EST Experiential Award, Jim and Helen Hill Memorial Service Award, Rockwell Automation Canada Scholarship, Thomas Beeching Scholarship, Dennis and Patricia Lytle Scholarship, Go Global Scholarship
- Clubs: Electrical and Computer Engineering Student Society, Outdoor Club, Rocket team
- Study abroad at Tsinghua University (Fall 2022)

EXPERIENCE

BARCLAYS   Hong Kong, China
Summer Analyst - Technology   Summer 2023
- Gathered user requirements, designed user interface and architecture of data backup feature for web application using Java, Spring Boot, and Angular
- Implemented, tested, and deployed data backup feature for use by global S&T Delta One desks, risk management, and finance teams enabling automated and efficient lookup of equities market data
- Presented project to global team, produced and shared technical documentation for handoff, initiated creation of onboarding guide used by new members to support smoother setups

GAIA REFINERY   Remote, Canada
Market Research Intern   Spring 2023
- Researched trends and competition in carbon capture sector to assist in preparation of VC pitch decks
- Prepared report on potential collaborators among biomass producers in Northeast Canada

MICROSOFT   Hong Kong, China
Customer Engineer Intern   Summer 2022
- Collaborated with team to scope projects for corporate clients, implemented visualization of global device statuses in Power BI and demo application supporting database migration to Azure Cosmos DB using Java
- Represented Microsoft and promoted products at internal and external events, including trade shows and outreach events

MIT HK INNOVATION NODE   Hong Kong, China
Sustainability Intern   Summer 2022
- Discussed strategies for reaching sustainability goals with local companies, analyzed emissions, reviewed and highlighted pertinent research on emerging technologies and sustainability practices to senior management

UNIVERSITY OF BRITISH COLUMBIA   Vancouver, Canada
Teaching Assistant – Computer Science   2021 - 2024
- Assisted in lectures with 200+ students for software construction, algorithm design, programming courses
- Ran weekly labs and office hours, created and marked assignments

ADDITIONAL INFORMATION
- Languages: Mandarin, Cantonese
- Skills: Python, Java, C/C++, basic knowledge of Excel, HTML/CSS/Javascript, Spring Boot, Angular
- Volunteer: Taught English, prepared and facilitated STEM events for youth and underrepresented groups
- Interests: Amateur climber, curious traveler, experimental chef