

Michelle Bourdon

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Skills

- Languages: C, C++, Java, Python, MATLAB, HTML, CSS, JavaScript, ARM Assembly, SQL, Pandas, NumPy, Linux
- Design/Tools: UML modeling, Figma, Qt, Java-FX, Confluence, Jira, GitHub, Gen-AI (LLMs)
- Market Research, Digital Marketing, Social Media, MS Excel / PowerPoint / Access, Adobe Creative Cloud

Education

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|----------------|---|-----------------|
| 2021 - present | WESTERN UNIVERSITY (UWO) • Bachelor of Science, majoring in Computer Science (GPA: 3.5/4.0) • Awards: Dean's Honor List, Western Scholarship of Distinction, Marie Smibert Writing Prize • Clubs: Western Investment Club, Cancer Awareness Society | London, Ontario |
| Summer 2021 | BOSTON LEADERSHIP INSTITUTE <i>Finance Research Program</i> • Introduction to mathematical concepts used in finance and capital markets • Topics: fixed income and equity valuation, derivatives pricing, and cash flow forecasting | Boston, MA |
| 2017 - 2021 | WELLESLEY HIGH SCHOOL (WHS) • GPA: senior year – 4.9/5.0, SAT: 1450 (99 th percentile), 720 Read/Write, 730 Math • Varsity athlete (track & field, ice hockey) with multiple state championships | Wellesley, MA |

Experience

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| 2022 - present | MATHWORKS <i>MATLAB Student Ambassador for Western University</i> <i>Developer of MATLAB and Simulink mathematical computing software</i> • Designed social media promotions to build MATLAB awareness on campus and drive attendance at events • Lead tutorials and train students on coding concepts ranging from MATLAB basics to deep learning and AI | Natick, MA |
| Summer 2024 | GOINVO <i>Designer & Engineer Intern</i> <i>Digital design studio, crafting the future of healthcare through strategy, creativity, and vision</i> • Designed and developed a report on fraud, waste, and abuse in the US healthcare system • Implemented a data driven visualization of MA state government services to highlight the benefits of a centralized enrollment system | Arlington, MA |
| Summer 2023 | NOTOVOX <i>Technology & Marketing Intern</i> <i>Technology provider enabling intuitive, fast, and accurate medical coding by physicians</i> • Evaluated generative AI technologies (e.g. Google Vertex AI) as future platforms for NotoVox by prototyping custom training with medical diagnostic code datasets and developing detailed reports for the CTO • Performed secondary market research on AWS Marketplace as a SaaS platform for medical applications | Boston, MA |
| Summer 2022 | INTERNATIONAL DATA CORPORATION (IDC) <i>Market Research Intern – Infrastructure Services</i> <i>Global provider of market intelligence for information technology, telecom, and consumer technology markets</i> • Developed market forecasts and supporting summaries for IDC published reports on the Data Center Networking, Private 5G, and Multi-Cloud Networking markets • Created vendor profiles of top professional services firms in the private 5G market | Needham, MA |
| Summer 2021 | WELLESLEY STRATEGY ADVISORS <i>Market Research Intern</i> <i>Strategy consulting firm serving clients in healthcare, technology, private equity, and venture capital</i> • Gathered data and created presentations to assess the competitive landscape for mobile diabetes apps • Conducted secondary market research on university summer business programs for Smith College | Wellesley, MA |

Volunteer

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| 2021 - present | UWO CANCER AWARENESS SOCIETY <i>Director of Education</i> • Researched topics and created educational social media posts to spread cancer prevention knowledge • Drove large turnouts to fundraisers, guest speaker events and other UWO club events | London, Ontario |
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Personal

- Dual citizenship (USA / Canada) • Enjoy running, ice hockey, graphic design, and painting