

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

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

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 • Led tutorials and trained 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 published IDC 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

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