

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) <i>Bachelor of Science, majoring in Computer Science (GPA: 3.5/4.0)</i> 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 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

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