

Michelle Bourdon

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Skills

- Programming: C, C++, Java, Python, MATLAB, OO Design, HTML, CSS, JavaScript, Bootstrap 4, Linux/Unix, ARM Assembly, SQL, Access, Confluence, Jira, UI/UX, Figma, Qt, JavaFX, GitHub, Pandas, NumPy, Gen-AI / LLM
- Market Research, Social Media, MS Office, Adobe Creative Cloud

Education

2021 - present	WESTERN UNIVERSITY (UWO) • Bachelor of Science, majoring in Computer Science (GPA: 3.6/4.0) • Awards: Dean's Honor List, Western Scholarship of Distinction, Marie Smibert Writing Prize • Clubs: Western Investment Club, Cancer Awareness Society	London, Ontario
2017 – 2021	WELLESLEY HIGH SCHOOL (WHS) • GPA: senior year – 4.9/5.0, SAT: 720 Reading/Writing, 730 Math (99th percentile) • Varsity athlete (track & field, ice hockey) with multiple state championships	Wellesley, MA

Experience

2022 - present	MATHWORKS <i>MATLAB Student Ambassador For Western University</i> • Designed graphics and promotions to highlight MATLAB on campus through social media platforms • Hosted tutorials and trained students on coding concepts from MATLAB basics to deep learning	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 Massachusetts government services to highlight the benefit of a centralized enrollment system.	Boston, 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 platform (Google PaLM) as an application data model for medical diagnostic codes by prototyping custom training and developing detailed reports for 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> • Developed forecasts for published IDC reports on the Data Center Networking, Private 5G, and Multi-Cloud Networking markets by analyzing market data, and creating pivot tables, graphs, and summaries • 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 & venture capital</i> • Upgraded company's website to a responsive design and added Google Analytics tracking • Gathered data and created presentations to assess the competitive landscape for mobile diabetes apps • Conducted secondary market research on university summer business programs to guide Smith College Executive Education's assessment of a new summer business program	Wellesley, MA

Volunteer

2021 - present	UWO CANCER AWARENESS SOCIETY <i>Director of Education</i> • Created educational social media posts through research 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) • Running, ice hockey, graphic design, painting