ABRAR TARAFDER

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EDUCATION

York University, Lassonde School of Engineering   **Apr 2022 - May 2025**
Hons. Bachelor of Science, Computer Science
Relevant Courses: *Advanced OOP, Discrete Math, Calculus I, II, III, Linear Algebra, Theory of CS, Elementary Probability, Intro to Python, Intro to OOP, Computer Organization, Data Structures Algorithms, Software Tools, Discrete Mathematics I and II*

Ontario Tech University   Sep 2021 - Apr 2022
Hons. Bachelor of Science, Computer Science

TECHNICAL SKILLS

Languages: C++, Python, Java, Basic x86 Assembly Language with C, HTML, CSS, Bootstrap, JavaScript
Tools and Frameworks: ReactJS, NodeJS, SQL, Excel, Google Sheets, R, R Markdown, MongoDB, Tableau, TKinter, Figma

EXPERIENCE

Walk With Web Inc.   **May 2023 - Apr 2024**
Software Developer + Outreach Research Assistant   Toronto, ON, Canada

- Researched, designed and developed websites using **HTML, CSS, Bootstrap, and JavaScript** facilitating seamless user interaction within a visually captivating and dynamic environment amongst **3 departments**.
- Designed **Figma** wireframes for the websites, contributed significantly to marketing strategies, social media analysis, and graphic design increasing the amount of output by **50%**.
- Designed templates, banners and posts on **Canva** for easy navigation to WalkWithWeb and its partners increasing post engagement by **20%**.

Opal, llc.   Jun 2022 - Jan 2023
Software Developer + Digital Marketing Intern   (Remote) Menlo Park, California, United States

- Implemented user-friendly message for empty posts, visibility of UserID using **JavaScript and HTML**.
- Crafted appealing and responsive designs for Opal's website using **HTML and CSS** increasing efficiency by **20%**.
- Analyzed **Figma** wireframes, providing valuable feedback to all **3 departments** and increasing user satisfaction by **50%**.

VOLUNTEER EXPERIENCE & PROJECTS

Microsoft   **Jul 2023 - Oct 2023**
Student Ambassador   Toronto, ON, Canada
- Actively pursuing a diverse range of certifications using platforms such as **Github**, **MSLearn** and **Microsoft Teams**.
- Collaborated with other ambassadors and mentors by **taking part in learning workshops**.

Jarvis Consulting Group   **Apr 2023 - Oct 2023**
Student Ambassador Team Lead   Toronto, ON, Canada
- **Leading a team of 14 Computer Science and Engineering students** to engage in immersive tech-related events.
- Leveraging **development toolkits** to actively engage in these experiences, resulting in a **Hackathon win**.

Project 1. Google Data Analytics Capstone Study - Executed marketing and analytics strategies with the task of converting casual riders into annual members, achieving a **25% conversion rate increase**. **Tools used:** Python, SQL, R, Excel, Spreadsheets, Google Slides. Project Link

Project 2. YouTrack (Group Hackathon Project) Created a user-friendly flight tracking website, resulting in a comprehensive flight information service. **Tools used:** air-port-codes and aviationstack API, CSS, Figma, Grommet, HTML, JS, ReactJS. Project Link

Project 3. Portfolio Website for Projects - Comprehensive portfolio showcase an in-depth analysis of all projects. **Tools used:** HTML, CSS, Bootstrap. Project Link