ABRAR TARAFDER

Mississauga, ON, Canada

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EDUCATION

York University, Lassonde School of Engineering　　　　　　　　　　　　Apr 2022 - May 2026
Hons. Bachelor of Science, Computer Science

Ontario Tech University　　　　　　　　　　　　　　　　　　　　　　Sep 2021 - Apr 2022
Hons. Bachelor of Science, Computer Science　　　　　　　　　　　　　　　　*(Transferred)*

COURSES

- Advanced OOP, Intro C
- Discrete Math I and II
- Calculus I, II, III
- Linear Algebra
- Theory of CS
- Elementary Probability
- Computer Organization
- DS & Algorithms

EXPERIENCE

Hydro One (Co-op)　　　　　　　　　　　　　　　　　　　　　　　　May 2024 - May 2025
OT Operations Co-op Student　　　　　　　　　　　　　　　　　*Hybrid - Barrie, ON, Canada*

Walk With Web Inc.　　　　　　　　　　　　　　　　　　　　　　　May 2023 – May 2024
Junior 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 environment amongst **3 departments**.
- Crafted **Figma** wireframes for the websites and 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%**.

VOLUNTEER EXPERIENCE

Jarvis Consulting Group　　　　　　　　　　　　　　　　　　　　　Apr 2023 - Apr 2024
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**.

Microsoft　　　　　　　　　　　　　　　　　　　　　　　　　　　Jul 2023 - Dec 2023
LEARN Student Ambassador　　　　　　　　　　　　　　　　　　　*Toronto, ON, Canada*

- **Collaborated with other ambassadors and mentors by taking part in learning workshops.**
- Actively pursuing a diverse range of certifications using platforms such as **Github**, **MSLearn** and **Microsoft Teams**.

PROJECTS

Google Data Analytics Capstone Study | *Python, SQL, R, Excel, Spreadsheets, Google Slides*

- Marketing and analytics strategization with the task of converting casual riders into annual members, achieving a **25%** conversion rate increase. Project Link

YouTrack (Group Hackathon Project) | *Air-port-codes, Aviationstack API, CSS, Figma, Grommet, HTML, JS, ReactJS*

- User-friendly flight tracking website, resulting in **comprehensive flight information service** for over **1000** flights. Project Link

Weather API Interface | *Tkinter, Figma, WeatherAPI, Python*

- Insightful weather interface made using Python leveraging **95%** accurate weather patterns. Project Link

SoccerTeam Implementation | *Java, Eclipse*

- Soccer team implementation using arrays and deep copying, **ensuring data integrity** via encapsulation and OOP principles for SoccerTeam, Player, and Coach classes allowing robust object manipulation within **3 systems**. Project Link

TECHNICAL SKILLS

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