Emirhan Tasouji

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SUMMARY OF QUALIFICATIONS

- Completed internships at HBT Tech Co. and Exxoplanet Digital, gaining hands-on experience in web development, fintech, and software projects.
- Proficient in Python, JavaScript, HTML, CSS, and C, with practical experience gained through internships and personal projects. Developed a virtual chemistry lab in JavaScript, built accessible web applications, and contributed to fintech solutions during internships. Strong problem-solving skills and ability to adapt across various programming environments.
- Coded a virtual chemistry lab for underprivileged students and conducted a year-long research project on virtual learning environments submitted to TUBITAK.
- Organized breast cancer awareness panels and developed educational programs, including tutoring and coding initiatives for less fortunate students.
- Successfully led the MUN Club, mentoring and guiding peers through their first national and international conferences. Showcased problem-solving and decision-making abilities in high-pressure environments, driving the team to collaborate and achieve significant outcomes, such as the organization of the school's inaugural MUN conference.
- As School President, demonstrated strong organizational and communication skills by coordinating events and initiatives.

EDUCATION

University of Toronto   Scarborough,Toronto
Honors Bachelor of Science in Computer Science   *Sep 2024 – 2028 (Expected)*
Candidate Co-Op Computer Science

RELEVANT COURSEWORK

Calculus II For Mathematical Sciences (MATA37) | *University of Toronto Scarborough*   Jan – Apr 2025

- ∗ Gained a strong foundation in Integral Calculus, including key concepts such as Riemann Sum, definite integral, Fundamental Theorem of Calculus, techniques of integration, improper integrals, numerical integration, sequences and series, absolute and conditional convergence of series, convergence tests for series, Taylor polynomials and series, power series and applications.
- ∗ Applied calculus principles to solve real-world problems involving optimization, related rates, curve sketching, and critical theorems like the Mean Value Theorem and Extreme Value Theorem.

Introduction to Computer Science II (CSCA48) | *University of Toronto Scarborough*   Jan – Apr 2025

- ∗ Developed proficiency in C programming, learning fundamental coding principles such as loops, conditionals, functions, and data structures.
- ∗ Gained an introduction to core computer science concepts, with hands-on experience in writing, testing, and debugging programs.

EXPERIENCE

HBT Tech Co. (Internship)| *Jun – Sep 2021*

- ∗ Interned at Hızlı Bilişim Teknolojileri (HBT), a software company specializing in Financial Technologies as a freshman in High School.
- ∗ Learnt about the electronic payment transactions, e-invoices and financial software targeted to businesses during my summer internship.

Exxoplanet Digital (Internship)| Aug 2022

* Completed my internship at a rising international Tech Start-Up that had offices around the US, Europe, Turkey and Australia.
* Worked as a software intern on various projects. Used front-end development tools and libraries such as JQuery.

Breast Cancer Awareness (Volunteer/Lead)| 2023-2024

* I have organised various events to raise awareness to Breast Cancer.
* With 200 participants, I had informed my community to ensure their well-being

Virtual Laboratory (Project): HTML, CSS, JavaScript

* Coded a virtual chemistry lab for the less fortunate students.
* The project competed in Scientific and Technological Research Council of Turkey

Scientific Research

* To better grasp the concepts of virtual learning environments, I researched on the matter and state of the online education.
* Wrote a research paper that was sent to one of the most prestigious research institutions in Turkey, (TUBITAK)

COMMITTED Magazine (Authorship)

* Sole author of two essays with one being penned on the subject of digital citizenship.
* I had the privilege and honor to be published in the (international) Committed Magazine.