Fariha Zerin Rabita

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SUMMARY

I'm a third-year computer science student with prior co-op experience at Ubisoft and Munich Re, actively seeking for a co-op/internship opportunity. With expertise in programming, cybersecurity, database systems, cloud computing, and ux/ui design, I'm equipped to contribute to your organization's success. Having played integral roles in campus leadership and diverse activities, I bring strong leadership and proactive problem-solving skills to every task.

EDUCATION

Dalhousie University   Halifax, NS
Bachelor of Computer Science   *Expected in 08/2025*

Certifications in Cyber Security, Communication Technology, and Web & Mobile Development

- Relevant Coursework: Software Development Engineering, Systems Programming, Server-side Scripting, Data Structures and Algorithms, Database Systems, Network Computing, User Interfaces and User Experiences.

AWARDS

- Leacross Women in Tech Leadership Scholarship, 2024, Leacross Foundation (valued at $10,000)
- Sexton Scholar List and Dean's List, 2023, Dalhousie University
- Seymour Schulich Renewable Community Scholarship, 2021-2025, Dalhousie University (valued at $36,400 for 4 years)
- Seymour Schulich Residence Award, 2021, Dalhousie University (valued at $8,000)

PROJECTS

Quick Cash App

- Developed the "Quick Cash" android app, connecting job seekers and employers locally. The app enables users to find, post, and apply for available jobs, with features including dynamic local area detection, user role selection, job listing submissions, personalized job searches, online payments, real-time alerts, and user rating and history visualization.
- Utilized Android Studio and Java to build the app, integrating Firebase Database for backend data management and retrieval, XML for UI layout and design, and incorporating the Google Maps and PayPal API for displaying job locations and payment process.

Art By You

- Developed "Art by You," a dynamic website showcasing local artists' work, enabling users to view portfolios, contact artists, and potentially make purchases or hire them.
- Implemented user-friendly signup and authentication features using PHP, HTML, MySQL, CSS, and JavaScript for enhanced security and personalized experiences.

Able App

- Conceptualized and designed "Able," an accessibility-focused iOS app for elderly users, incorporating low-fidelity prototypes for initial ideation and high-fidelity prototypes using Figma for detailed design visualization.
- Included features such as voice assistance, zoom options, and integrated physical activity, enhancing social connectivity through group chats and video calls. Applied UX/UI design concepts to create a seamless and intuitive user experience.

The Green Card

- Contributed as a Junior Developer on a group project for Nova Scotia Health to convert "The Green Card: A Geriatric Psychotropic Drug Reference Card" into a user-friendly website for healthcare professionals.
- Utilized the Agile methodology, Git, and JIRA software in this project, and my responsibilities included front-end development, testing, and data collection using technologies such as HTML, CSS, JavaScript, and React.

WORK EXPERIENCE

Ubisoft   Halifax, NS
Junior Programmer (Co-op)   *01/2024-04/2024*

- Developed Internal Database Tool using MongoDB and Budibase Framework, automating data processes, and implementing CRUD functionalities, CLI plugins, and data versioning. Collaborated closely with design team to ensure UI design requirements were met.
- Built an initial version of an unreleased game, presenting prototype to production stakeholders and engaged in comprehensive UI/UX design within Unity, utilizing C# and OOP principles for efficient code structure, and animations.
- Participated in daily Agile stand-ups, completed Jira tickets, ensuring efficient project milestone delivery through collaborative teamwork.

Munich Re   Toronto, ON
DevOps Intern (Co-op)   *05/2023-08/2023*

- Contributed to the IFRS17 project by documenting system requirements and the complete CI/CD pipeline. Worked closely with the testing team, updating the test suite with relevant use cases and providing detailed documentation for 63 test cases.
- Led the creation of the Vulnerability Assessment and Penetration Testing (VAPT) Request for Information (RFI) for the CIRCA project, enhancing the application's security posture by gathering essential information from multiple sources (e.g., LeanIX, ServiceNow, Runbook).
- Facilitated the Service Description document for the Circa application, promoting better understanding and collaboration among stakeholders for critical illness claims scoring in Canada.

Faculty of Computer Science, Dalhousie University   Halifax, NS
Head Teaching Assistant   *01/2023-Present*

- Led a team of 20+ TAs, coordinating weekly teaching team meetings and assigning grading for TAs.
- Currently serving as Head TA and Marker for CSCI 1120 (Introduction to Computer Systems) since September 2023, previously held roles as TA and Marker for CSCI 1170 (Introduction to Web Development).
- Assisted in weekly lab sessions for over 150 students covering various topics including C programming, assembly language, system architecture, and web development technologies (HTML, CSS, JavaScript, React Js).

Academic Technology Services, Dalhousie University   Halifax, NS
IT Analyst   *01/2023-Present*
- Provided technical support for IT services which included assistance for Windows, Mac, and Linux. Furthermore, assisted students and faculty with software downloads, installation, and troubleshooting open-source web applications as well as setting up MFA Authentication and VPN connections.
- Assisted students with using the Brightspace Learning Management System and other Dalhousie websites.
- Worked to ensure timely resolution of incidents and service requests using the Footprints Ticketing system.

Residence Life Team, Dalhousie University   Halifax, NS
Community Assistant (Residence Assistant)   *11/2021-Present*
- Promoted to Community Assistant Team Leader, supervising the CAT team of 20+ CATs for the upcoming academic year (2024-25).
- Organized various social and educational events/workshops for up to 200 students to nurture positive relationships and provide inclusive social opportunities.
- Provided residence support through office hours, addressing academic and social concerns, and employing problem-solving for conflict mediation.

Faculty of Computer Science, Dalhousie University   Halifax, NS
Undergraduate Student Ambassador Leader   *01/2022-Present*
- Led projects to provide support to current students looking for coop and internship opportunities while being a student.
- Mentored first-year students regarding academic transition in university by representing Faculty of Computer Science Community.
- Demonstrated a strong understanding of social media best practices, by creating engaging content and analyzing performance metrics.

Amazon Prime Canada   Halifax, NS
Digital Brand Ambassador   *01/2023-04/2024*
- Managed brand activations and created content for social media to promote Amazon Prime Student.
- Developed outreach plans and coordinated with partners to achieve Prime Student deliverables.

The Dalhousie Gazette Newsletter   Halifax NS
Director of Marketing and Growth   *08/2023-04/2024*
- Managed and curated the Gazette's social media presence across Facebook, Twitter, and Instagram platforms.
- Worked with the Director of Finance and Operations, and Editor-in-Chief, to come up with new and effective ways to reach potential contributors, readers, and advertisers.

SKILLS

Technical
- Programming Languages: Java, Python, HTML, CSS, JavaScript, PHP, C, C#, React.js, SQL.
- Database Tools: MySQL, Firebase Database, MongoDB, Budibase.
- Developer Tools: Jira, Agile, Test-Driven Development, Junit, CI/CD Pipelines, Microsoft Azure, ServiceNow, Git/GitHub, Linux, Visual Studio, Android Studio, XCode, Unity, MSOffice365, MAMP, MS Word, MS PowerPoint, MS Excel

Professional
- Strong communication, Time management, Leadership abilities with experience in teaching, mentoring and teamwork.
- Proficiency in social media digital marketing.

VOLUNTEER ACTIVITIES

- Microsoft Learn Student Ambassador, Microsoft   *01/2024-Present.*
- Secretary, Women in Tech Society (WiTs), Dalhousie University   *09/2023-04/2024*
- Course Representative, Intro to Probability and Statistics, Dalhousie University   *09/2023-12/2023*
- Street Squad Volunteer, Dalhousie Student Union   09/2021-04/2022