

MIMTA CHOWDHURY

Full-Stack Developer | Former Senior ERM Advisor | Biomedical & Software Engineering | Enterprise Risk Management

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EXPERIENCE

Senior Risk Advisor, Enterprise Risk Management

Canadian Red Cross

📅 05/2022 - 04/2024 📍 National Office, Ottawa

- Full-time oversight to the ERM Function, including: coordination of CRC's Strategic Risks, supporting Corporate reporting, development of ERM tools, guidance materials and the Risk Champion network
- Orchestrated the Annual Risk Meeting for 100+ stakeholders, including the CEO and Senior Executives, driving high-impact strategic risk discussions and delivering the Annual Risk Report.
- Project Lead for the *Capital Project: Resolver*, implementing a risk management system to optimize enterprise-wide risk management.
- Developed & delivered 20+ risk learning and onboarding sessions, equipping executives and Risk Champions with critical risk management frameworks.
- Authored & presented quarterly and annual board reports for the audit, finance, and quality committees, providing data-driven insights to inform strategic decision-making.

Fraud Analyst

TD Canada Trust

📅 11/2020 - 04/2022 📍 Markham

- Designed and implemented 18+ fraud prevention strategies by configuring fraud management platforms and leading solution design sessions to drive innovation
- Communicated findings and issues regarding the status of different initiatives within fraud management to different stakeholders

Banking Associate

TD Canada Trust

📅 06/2019 - 11/2020 📍 Toronto

- Exceeded business targets by delivering tailored financial solutions, guiding clients on strategic investment and borrowing opportunities to maximize their financial growth.
- Recognized as Top Associate for Quarter 1 in Toronto West Region

Data Engineering Analyst - Coop

Manulife Financial

📅 07/2018 - 12/2018 📍 Downtown Toronto

- Collaborated with REDLab to incorporate real-time user feedback into prototype development, enhancing innovation and usability.
- Developed and implemented an employee training curriculum on Agile methodologies and innovation techniques, improving workforce adaptability and execution.
- Led 7+ Agile workshops for 250+ Manulife employees, equipping teams with best practices and competitive analysis skills to drive strategic decision-making.
- Provided end-user support for the Agile Academy, ensuring seamless learning experiences and assisting employees in resolving training-related inquiries.

EDUCATION



Software Engineering

BrainStation

📅 2025 - 2025

GPA

94 / 100



Masters of Biomedical Engineering, MEng

Toronto Metropolitan University

📅 2017 - 2019

GPA

3.8 / 4.33



Honours Bachelor of Science, HBSc

University of Toronto

📅 2013 - 2017

- Double Major in Neuroscience and Cell & Molecular Biology
- Recipient of Dora Burke Playfair Leadership Award

TECH STACK

HTML

CSS/SaSS

JavaScript

React.js

Node.js

Next.js

React

Express

MySQL

Web APIs

Document Object Model (DOM)

GitHub

Jest

Heroku

JIRA

OAuth

Kanban

Scrum

User Authentication

Agile Methodologies

EXPERIENCE

Digital Media Lab Intern

City of Vaughan

📅 06/2018 - 08/2018 📍 Vaughan

- Reorganized & optimized lab productivity by 67% and lab expense planning in 2 months
- Organized and facilitated STEAM programs/workshops for individuals (i.e. Get Certified in 3D Printing, Create with Carvey, etc)
- Developed hands-on experience with 3D printing technologies and 3D CAD programs (AutoCAD, Solidworks), as well as CNC systems and coding (Arduino, HTML, CSS & Python)

Marketing Manager

Prep101

📅 08/2017 - 04/2018 📍 Downtown Toronto

- Planned, overlooked, and executed several events and seminars throughout the year
- Led and supervised a team of 10 staff, providing support and feedback, while evaluating staff performance
- Provided strategic direction to senior management based on interaction with staff, clients, and other stakeholders, in order to quickly resolve problems and eliminate inefficiencies
- Integrated an innovative sales plan that increased revenue by 30%, by crosspromoting company services on social media platforms Executed regional marketing activities, increasing course attendance by 56% compared to the previous year
- Administered annual budget for the unit, ensuring that expenditures were controlled, justifiable, and tracked

Clinical Research Project Assistant

The Hospital for Sick Children

📅 03/2016 - 07/2016 📍 The Peter Gilgan Centre for Research & Learning

- Explored the roles of ethnicity, genetic factors, medication responses, family environment and quality of life as either predictors, modifiers or outcomes in nephrotic syndrome
- Analyzed data in the Department of Nephrology
- Studied risk factors (both clinical and genetic) leading to progression of chronic kidney and cardiovascular disease
- Assisted Dr. Rulan Parekh with her ongoing project, *Insight into Nephrotic Syndrome: Genes, Health and Therapeutics*

DEEP Summer Academy Counselor

University of Toronto

📅 06/2014 - 08/2014 📍 Faculty of Applied Science & Engineering

- Developed and delivered course material for four STEM streams (Rehabilitation Engineering, Aerospace Engineering, Engineering Business, and Programming)
- Worked with DEEP instructors and the engineering outreach team to lead activities and discussions
- Independently led and coordinated a neurophysiology workshop - taught students how to measure brain waves using EEG electrodes and to collect data on Excel

PROJECTS

Microsoft Industry Project: Gaming Accessibility Xbox Prototype

📍 Tech Stack: React.js, JavaScript, SaSS, AI

🔗 <http://bit.ly/4iSOYJn>

As part of the Microsoft Industry Project at BrainStation, we pioneered an AI-driven accessibility solution to transform Xbox gaming into an inclusive experience for players of all abilities.

Our innovative prototype tackles critical barriers faced by individuals with vision, speech, hearing, motor, neurodivergence, and cognitive impairments. By harnessing cutting-edge AI technologies, our solution delivers personalized accessibility features tailored to each player's unique needs.

Lead Web Developer & Creative Director

📅 03/2024 - Present

🔗 pokimanphotos.com

- Designed and developed the pokimanphotos.com website to showcase a dynamic photography portfolio.
- Created an engaging platform with intuitive navigation & SEO techniques.
- Utilized Google Analytics to drive traffic & optimize performance, ensuring accessibility and consistent branding across devices.