NAMIRA KAMAL

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EDUCATION

University of Toronto (UofT)   **Expected: April 2025**
BASc Computer Engineering, certificate in Engineering Business

RELEVANT COURSES

Circuits, Digital Systems, Computer Organization. Software Comm.& Design, Statistics, Digital Electronics, Artificial Intelligence, Algorithms and Data Structures, Software Engineering, Web Programming, Vector Calculus

TECHNICAL / SOFT SKILLS

Programming Languages: C++, C, Verilog, Assembly, MATLAB, Python, JavaScript, CSS, HTML
Tools: Power BI, Selenium, Git, Agile Development Methodologies, kanban, Figma, Slack, Typhoon HIL, Quartus FPGA, CPUlator, Multisim, MATLAB Simulink, Microsoft Office (word, excel, etc.), Notion Productivity Software, Linux
Soft / Other Skills: Adaptable, communicative, leadership, collaborative, detail oriented, multi-tasking, research, writing, data collection

WORK EXPERIENCE

IT Analyst Intern, Ministry of Transportation (MTO) - Govt of Ontario   **05/2023– 09/2022**
- Transformed data analytics into visual dashboards using Power BI
- Developed AI project from idea to beta version – Resume Ranker where application receives resumes from supervisors and can rank candidates using machine learning technology (full stack)
- Used Microsoft Azure for deployment of SaaS
- Developed and designed company wide presentations + posters (Microsoft Ppt, Canva)

Web Development Assistant (Co-op), Ministry of Children, Youth, and Social Services - Govt of Ontario   **05/2022– 09/2022**
- Worked with a small team to migrate **3000+** case workers and other **Ontario Public Sector** (OPS) executives from legacy software and browsers to modern technology – (Chrome Migration Project)
- Wrote and edited technical 1500+ word document award nomination for IT cluster Chrome Migration Project team
- Created data dashboards using **Power BI** representing live data for branch director
- **Automated front end validation process** for SAMS Chrome using **Selenium and JavaScript**

RELEVANT EXPERIENCE AND PROJECTS

GIS Mapping Software (ECE297)
                                                                                    01/2023 – 04/2023
- Team placed **Top 4** out of 90 teams – Final grade **A+**
- Designing mapping interface using OpenStreetMap's spatial database (C++)
- Managed and documented team milestone progress implementing agile software development techniques
- Effectively using revision control (GIT), debuggers, code verifiers, and unit tests to complete milestone requirements
- Implementing appropriate data structures for efficient response using C++ STL library
- Prototyped graphics of User Interface using Figma

Accessible Website for Digital Literacy, EWB, UofT   **11/2021- 04/2022**
- Working on developing accessible and user-friendly platform that aims to teach and enforce digital literacy in different communities (Seniors, Newcomers, Youth, etc.)
- Prototyped website interface visual using Figma and Creately
- Developing accessible user interface using HTML, JavaScript, and CSS

LEADERSHIP/EXTRACURRICULAR EXPERIENCE

Community Youth Council Member, Crescent Town Community   **2016-2019**
- **500+ hours** of volunteering
- **Increased** community involvement in events by **15% through** successful marketing
- Planned and executed **3+ community events annually** to target audience of **10 000+ people**

University Involvement   **2020-Present**

Volunteer & Member – Women in Science and Engineering (WISE) club (and 2022 conference)
Project Member - Engineers Without Border (EWB), Connect to Educate Portfolio & Cyber Ethics and Digital Rights Portfolio
Associate - Bangladeshi Student's Association (BSA)