TAHA TARKHANI

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SKILLS

- Python, SQL, Java, JavaScript, C#, C++, C, R, Ruby, ABAP, Assembly, HTML & CSS, Rails, Git
- Software Development, Version Control (Git), Object-Oriented Design, Database Management (SQL), Code Review & Debugging, Unit & Integration Testing, API Integration, System Design, CI/CD, Agile & Scrum, Process Optimization, Technical Documentation, Cross-Functional Collaboration

WORK EXPERIENCE

National Research Council Canada: *Data Analyst Intern | Enhanced Reliability Security Clearance*

11/2024 – 05/2025
- Collaborated with senior team members to optimize ticket triaging workflows by analyzing request patterns and identifying process improvements, enhancing overall operational efficiency.
- Partnered with workflow administrators to document and streamline client request processes, ensuring data consistency and effective internal communication across teams.
- Maintained structured documentation in MS SharePoint and contributed to the creation of design and testing artifacts, supporting data-driven decision-making and project quality assurance.

PROJECT EXPERIENCE

Rentify: *Mobile Application Development | Android Studio, Java, XML & Firebase*

- Developed a full-featured mobile application enabling renters, lessors, and admins to manage listings, contracts, and user interactions, with secure login/signup and real-time database integration.
- Collaborated in a team of four using Agile methodologies, meeting all project deliverables on time while contributing to both front-end functionality and backend logic.

Notch-Co: *Product Website Development | HTML & CSS, JavaScript & Git*

- Designed and developed a website to promote a revolutionary Braille pen, offering a more affordable alternative to costly Braille printers for visually impaired users.
- Implemented essential features, including a homepage, product details, and user-friendly interface, to provide a seamless experience for potential customers while effectively showcasing the product's benefits.

Project FB2-2: *Adjustable Webcam for Disabled Clients | C & C++, Java & Arduino*

- Developed an innovative adjustable webcam system for quadriplegic clients, enabling full control of the device via facial movements, functioning as both a keyboard and mouse.
- Created a custom application allowing precise control of the webcam's 360-degree horizontal and 180-degree vertical movements, providing an accessible solution for users with limited mobility.

EDUCATION

University of Ottawa || Ottawa, ON
September 2023 – September 2028
BASc. Software Engineering,

Relevant Coursework: Software Engineering, Object-Oriented Programming, Data Structures and Algorithms, Operating Systems, Machine Organization and Programming, Artificial Intelligence, Mobile App Development, User Experience/User Interfaces.