YAMEN MOHIEDDIN

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EDUCATION

Bachelor of Science (Honors) - Software Engineering (Co-op)   Graduation: April 2026
University of Windsor, ON   *Major Average: 90%*
- Relevant Coursework: *Object-Oriented-Java, Data Structures & Algorithms, Systems Programming*

Certifications
- CompTIA Security+, Cisco Certified Network Specialist - Enterprise, Cisco Certified Network Associate

TECHNICAL SKILLS

- **Languages:** C, Python, Java, JavaScript, TypeScript, SQL
- **Development:** React, React Native, Node.js, Express.js, PHP, jQuery, APIs, Bootstrap, Tailwind, HTML, CSS
- **Tools:** Git, Redis, Linux, VMware, Docker, MongoDB, JSON

PROJECTS

AI Chat App   *React, React Native, OpenAI API, Node, MongoDB*
- Developed an innovative AI-powered recommender app, leveraging OpenAI's API for custom models to allow various sessions per user using **Node.js**, **Express.js** and **Redis**
- Implemented a custom API to provide **rate limiting**, payment features, and activity based notifications, using **Stripe** and **MongoDB** for secure and efficient user data processing
- Integrated a user-friendly front-end using **React.js** and **React Native** to support IOS and Android
- Employed development practices using version control, utilizing Git and GitHub for team collaboration

Full Stack Portfolio Website and Blog   *React, Express, Node, MongoDB, REST API*
- Developed a full-stack application utilizing the **MERN** stack, showcasing proficiency in web development
- Engineered a dynamic and responsive UI using **React.js** to enhance user engagement and experience
- Utilized **Node.js** and **Expess.js** to create a secure backend with various endpoints for various functionalities
- Implemented API's and **JWT** for secure transmission of protected user and server data

Multiplayer Chess Game   *Java - OOP, Swing*
- Designed and developed a two-player LAN chess game using **Java** and swing for an enhanced local experience
- Implemented real-time game mechanics and server-client synchronization over a network using sockets
- Integrated common data structures to allow for optimized and efficient backend computing

EXPERIENCE

Teaching Assistant   Oct 2023 – Apr 2024
University of Windsor   *Windsor, ON*
- Conducted hands-on lab sessions, improving students understanding in **C programming** and digital logic
- Collaborated with professors to administer and grade assignments and exams for **150+ students**
- Provided 1-on-1 tutoring for students, leading to an improvement in students understanding and grades

IT Support Specialist   Mar 2020 – Jan 2024
Laptop Doctor   *Windsor, ON*
- Led the installation of new devices and setup network devices resulting in **minimal downtime** for businesses
- Delivered exceptional technical support to over **200 customers**, achieving high levels of customer satisfaction
- Demonstrated expertise in system and **component-level** diagnostics and repair, specializing in high-end devices
- Provided specialized onsite technical assistance as part of the Lenovo warranty service for over **100 customers**