

Tallal Mohar

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EDUCATION

Simon Fraser University

BSc. Computing Science, Concentration in Artificial Intelligence

EXPECTED APR 2026

Burnaby, BC, Canada

- **Selected Coursework:** Data Structures and Programming, Database Systems, Web Development, Biomedical Computing, Artificial Intelligence

EXPERIENCE

Sales & IT Help Desk - Jimmy Zee's Distributions

Current - Aug 2025

- Executed end-to-end e-commerce order fulfillment in an ERP environment, optimizing workflow and reducing processing time by 15 %.
- Maintained and updated website content, product listings, and inventory availability using graphic tools like Photoshop.
- Co-designed email marketing campaigns that leveraged customer analytics, boosting click-through rates by 12 % while maintaining WCAG accessibility compliance
- Acted as backup Sales Administrator, supporting sales operations and ensuring smooth customer service workflow.

PERSONAL PROJECTS

Tesla Homepage Clone | Frontend Application 🌐

April 2025

Tech Stack: Next.js, React, TypeScript, Tailwind CSS, Google Maps API, GitHub

- Cloned Tesla's homepage as a responsive, interactive frontend application to showcase modern web development skills.
- Engineered reusable components with React and TypeScript to support a scalable, maintainable architecture.
- Delivered pixel-perfect UI/UX aligned with Tesla's frontend design principles
- Implemented responsive layouts and dynamic carousels using Tailwind CSS for pixel-perfect UI replication.
- Integrated interactive dropdowns, horizontal scrolling, and embedded Google Maps for enhanced user engagement.
- Adhered to ARIA/WCAG guidelines and built reusable, accessibility-focused UI components, reflecting Tesla's commitment to inclusive design.

NBA Vision - Full Stack Project 🌐

April 2025 - May 2025

Tech Stack: Java, Spring Boot, Spring Data JPA, PostgreSQL, React, Tailwind CSS

- Developed a database-driven application using Java and Spring Boot, enabling users to build and grade NBA fantasy teams.
- Designed and implemented a relational database schema in PostgreSQL; used Spring Data JPA for robust ORM and efficient CRUD operations.
- Applied Object-Oriented Programming principles to develop modular service and controller layers for backend logic.
- Built a dynamic frontend with React and Tailwind CSS, integrating live player search and real-time team grading features.
- Emphasized software quality and maintainability by structuring backend services with clear scalable design.
- Collaborated via GitHub for version control and code reviews, adhering to clean coding standards and Agile practices.
- Prioritized user experience and performance by optimizing API endpoints and minimizing client-server latency

LeetcodeMadness.fm | Chrome Extension 🌐

March 2025

Tech Stack: JavaScript, HTML, CSS, Chrome Extension APIs, Spotify Web API, AudioContext API, GitHub

Simon Fraser University

SFU Mountain Madness Hackathon 2025

- Collaborated in a team of four to rapidly prototype and develop a Chrome browser extension during the 25-hour
- Engineered the extension using JavaScript, HTML, and CSS to provide background music playback during web browsing.
- Implemented real-time integration with LeetCode pages to monitor user code submissions and detect errors.
- Leveraged an audio distortion API to dynamically manipulate audio playback, triggering effects upon incorrect LeetCode submissions.
- Built core music player functionalities including play/pause, track navigation, song seeking, and a dynamic, hideable queue UI.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Java, Python, C, C++, SQL (PostgreSQL), HTML5, CSS3 / SASS / SCSS

Technologies/Frameworks: React.js, React Native, Next.js, Node.js, Express.js, Spring Boot, Spring Data JPA, Tailwind CSS, REST APIs, Chrome Extension APIs, Git / GitHub, CI/CD pipelines, Agile / Scrum, WCAG / ARIA Accessibility, Responsive Design, Web Performance Optimization