

# AMIR HASRATI

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## EDUCATION

### University of Guelph

Honours Bachelor of Computing (Computer Science Major), Co-op

Sep 2022 – May 2027

Guelph, Ontario

## TECHNICAL SKILLS

**Languages:** C, C#, Java, JavaScript, Python, SQL, TypeScript

**Frameworks/Tools:** Express, Node, React, TailwindCSS, Docker, Git, Vercel, Vite

**Databases:** MongoDB, MySQL, PostgreSQL, SQLite, Supabase

## EXPERIENCE

### Software Developer Intern

May 2025 - Aug 2025

Descartes Systems Group

Waterloo, Ontario

- Developed core features for the company-wide SSO Validation application (built on .NET Core), used across the enterprise to test web applications, web service APIs, and IdPs for security compliance.
- Collaborated with the UX department to design and build UI components and refine user interaction flows, significantly improving developer experience and usability.

### Software Developer Intern

Sep 2024 - Dec 2024

Descartes Systems Group

Waterloo, Ontario

- Engineered and maintained internal UI components, including interactive data visualization modules (pie, bar, and line charts), enabling other teams to integrate analytics seamlessly into their applications.
- Contributed to a major migration initiative, porting an enterprise application from .NET Framework to .NET Core to modernize infrastructure, extend support, and improve performance.

### Freelance Web Designer & Developer

May 2023

Argentium Consulting

Guelph, Ontario

- Redesigned and developed client website using Remix and React, significantly improving the user interface and delivering a seamless user experience.
- Optimized website content to enhance SEO, adhering to Google's technical requirements and spam policies.
- Implemented responsive design techniques, ensuring website functions flawlessly across various devices and screen sizes.

## PROJECTS

### Task Management App | MongoDB, Express.js, React.js, Node.js

Feb 2024

- Enhanced task management by implementing creation and deletion functionalities, utilizing React's useState hook within the TaskList component to efficiently maintain internal task data.
- Crafted reusable Task and Button components using React.js, effectively mitigating code repetition and enhancing code modularity.
- Implemented custom authentication middleware with Express.js, allowing for secure access to user-specific data and preventing unauthorized access to sensitive data.
- Integrated Express.js with MongoDB to create a flexible and scalable back-end solution for storing user task data.

## EXTRA CURRICULAR

### Gryphon Gaming

Jan 2025 – Present

Event Organizer

Guelph, Ontario

- Coordinate and host gaming tournaments and community events, building a friendly and inclusive gaming community.

## HOBBIES & INTERESTS

**Guitar:** Actively learning electric guitar developing skills in performance, rhythm, and music theory

**Music Production:** Created original tracks with a focus on sound design, arrangement, and mixing, blending technical precision with creativity

**Gaming:** Competitive player ranked in the top 0.1% in Marvel Rivals (2025) and top 2.5% in CS2 (2025)