

AMIR HASRATI

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EDUCATION

University of Guelph

Sep 2022 – May 2027

Honours Bachelor of Computing, Co-op

Guelph, Ontario

- Computer Science Major
- University of Guelph Entrance Scholarship (\$3000)
- Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, Full-Stack Development

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C, HTML, CSS

Technologies: Git, Node.js, MongoDB, SQL, Docker, Makefile, Gradle

Frameworks: React.js, Tailwind, Remix, Express.js

Operating Systems: macOS, Ubuntu/Linux, Windows

EXPERIENCE

Web Designer & Developer

May 2023 – Present

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 search engine rankings, adhering to Google's technical requirements and spam policies.
- Implemented responsive design techniques, ensuring website functions flawlessly across various devices and screen sizes.

Teaching Assistant - Introduction to Programming

Sep 2023 – Dec 2023

University of Guelph

Guelph, Ontario

- Taught C programming concepts, including print-formatting, conditional statements, loops, functions, pointers, and structs to over 200 students.
- Graded coding assignments using an in-house automatic grading script and communicated accurate feedback and explanations to each student.
- Proactively followed instructor specifications and requirements, completing tasks efficiently and contributing to a cohesive teaching team, providing a positive learning environment for all students.

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.

Personal Website | *Remix.js, React.js, TypeScript, Tailwind CSS*

Feb 2024

- Designed and implemented a personal portfolio website and deployed it with fly.io.
- Built interactive, responsive, and modular UI with React.js and Tailwind CSS.
- Implemented server-side rendering with Remix.js, improving the website's search engine optimization.

EXTRA CURRICULAR

Guelph Coding Community

Feb 2024 – Present

Executive at Large

Guelph, Ontario

- Engaging in a passionate coding community through social media, workshops, and networking events.
- Collaborating with fellow students to promote tech skills beyond the classroom.
- Assisting in organizing hackathons, speaker nights, and other tech-related events.