TRISTAN PINZARI

London, Ontario • 647-513-1518 • tristanpinzari@gmail.com
Github • LinkedIn • Personal website

EDUCATION

University of Western Ontario   Sept 2025 - Sept 2029
- Pursuing a Bachelor of Science with a Honours Specialization in Computer Science and a minor in Software Engineering.

PROJECTS

Notify | *React, JavaScript (JS), Node, Firebase, Appwrite, Gemini AI*
- A full-stack web application using React & JS for the frontend and JS for the backend.
- Implemented user authentication and databases using Firebase and file storage using Appwrite.
- Developed an algorithm that compiles uploaded notes into a master document using Gemini AI.

TypeRacer Clone | *React, TypeScript (TS), JavaScript (JS), Node, Appwrite*
- A full-stack web application using React & TS for the frontend and TS & JS for the backend.
- Engineered real-time databases and functions using Appwrite for player synchronization.
- Created a matchmaking algorithm and automated database cleaning using Appwrite functions.

WeatherWatch | *HTML, CSS, JavaScript (JS), OpenWeather API, OpenNews API*
- A full-stack web application using HTML & CSS for the frontend and JS for the backend.
- Engineered real-time databases and functions using Appwrite for player synchronization.
- Created a matchmaking algorithm and automated database cleaning using Appwrite functions.

Resume Parser | *HTML, CSS, JavaScript (JS), Firebase*
- A full-stack web application using HTML & CSS for the frontend and JS for the backend.
- Engineered an algorithm that efficiently finds all resumes containing specified keywords from a Firebase database and displays them.

WORK EXPERIENCE

Junior Information Technology Technician, RideCloud9 Ltd.   Feb 2024 - Sept 2025
- Performed network wiring and cabling, hardware and software troubleshooting, system setup, and server maintenance.

Lead Software Engineer, Headstarter   Jun 2023 - Jan 2024
- Led a team of three software engineers in creating three production-ready full-stack web applications using HTML, CSS, JavaScript, Firebase, OpenWeather API, and OpenNews API.

TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript, Elixir, HTML, CSS
- **Frameworks:** Node, Phoenix
- **Libraries:** React, Phoenix LiveView