

Eric van de Lande

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Education

University of Ottawa

Bachelor of Science, Major in Computer Science

Ottawa, ON

June 2024

- Relevant Coursework: Data Structures, Software Architecture, Web Development, AI and ML, Networking
- Extracurriculars: UO Men's Soccer Team, Intramural Soccer Referee

University of Ottawa

Bachelor of Engineering, Major in Chemical Engineering (to Year 3A)

Ottawa, ON

January 2021

Experience

SaskPower

Apr 2023 – Sept 2023

Developer (Mobility team)

Regina, SK

- Analyzed, designed and developed applications using the latest technologies (Angular, React, JavaScript, Typescript, Ionic, NodeJs, Electron, HTML, CSS, JSON)
- Application UI design, JSON data modelling, Bug fixing and problem solving
- Collaborative development using Git and Azure DevOps
- Involved in weekly scrums and commonly dealt with many other departments to design useful updates to various SaskPower Apps

Metal Pros

2021 - 2022

Warehouse Associate

Ottawa, ON

- Metal Pros is a small metal company that ships metal Canada wide to many large buyers, such as Canadian Nuclear Systems
- I spent time working as 1 of only 4 employees in a fast-paced environment and learned important problem-solving, teamwork, and efficiency skills

Projects

Tor Traffic Detection With ML

- Developed and Implemented a Machine Learning based tool designed to identify Tor traffic within web access logs
- The resulting web application identifies Tor traffic with a consistent 97% accuracy rate.

Global Temperatures and Emissions Data Mart Study

- The project used feature selection techniques to identify the variables most predictive of yearly temperature change

E-Hotels Web Application

- This app allows users to book hotels and has an admin interface to manage bookings and view hotel information
- The project involved creating a relational database schema and developing a frontend to interact with the database, ensuring robust data management and user-friendly interactions

FIFA Draft Game

- This is an android studio game inspired by the FUT draft game mode in the popular soccer video game FIFA
- The game tracks high scores and allows you to either play solo or split screen against a friend

Course Booking Application

- Created using Android Studio, this app allows different user types to login and enroll in/assign themselves as a student or professor to different university classes
- The app also allows users to plan out schedules and provides an admin interface for managing user accounts and courses

Technical Skills

Coding: HTML/CSS, Java, Python, JavaScript, C++, Go, Typescript, Angular, React, Vue.js, Node, Express, MySQL

Other Tools: GitHub, Jira, Azure DevOps, Wireshark, Android Studio, Apple/macOS, AI & ML, Agile, AWS, Full Stack