Denis Tsariov

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SUMMARY

As a computer science student at McGill University, I am passionate about technology. My skills include courses in machine learning and artificial intelligence, as well as a mastery of several programming languages, libraries and frameworks.

TECHNICAL SKILLS

Languages: Java, Python, Javascript, Typescript, C
Frameworks: JUnit, PyTorch, React, Next.js
Developer Tools: Git, Bash

PERSONAL PROJECTS

Time-Wise | *Typescript, React, Next.js, Drizzle ORM* — May 2024 – September 2024
- A calendar that uses our AI model to optimize your schedule
- Web app with React as frontend, Drizzle ORM for the database, Vercel serverless functions for the backend. Auth.js for authenification.
- Built landing page, main calendar page and most of the UI
- Set up backend, database and deployment.
- Team manager: decided technologies used in development.

Personal Website (denistsariov.dev) | *Typescript, React, Next.js* — May 2024 – June 2024
- Website that showcases some of my personal projects
- Web app with React as frontend, deployed using Vercel

AI Player for the Colosseum Game | *Python* — October 2023 – December 2023
- An AI agent that plays the Colosseum game
- Implemented using a Monte Carlo Tree Search and local search
- Learn more about it on my website :)

Research on Density in Conway's Game of Life | *Python* — March 2022 – May 2022
- Relationship between first generation density and game survivability.
- Implemented the game locally to make the desired simulations.

EDUCATION

McGill University
Bachelor of Science, Honours Computer Science. Minor Statistics, (GPA: 3.64) — *2022 - ...*

Relevant courses taken:

- Fundamentals in Machine Learning (COMP 451)
- Honours Algorithms and Data Structures (COMP 252)
- Artificial Intelligence (COMP 424)
- Software Design (COMP 303)
- Honours Algorithm Design (COMP 362)

Dawson College
DEC Pure and Applied Science — *2019 - 2022*
Graduated with an r-score of 33.4

EXPERIENCE

Sales Associate   May 2023 – August 2023
Bell Canada
Lifeguard   June 2019 - November 2022
Ville de Montréal
Tutor   October 2021 - Mai 2022
Dawson College