

Eduardo Martins

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EDUCATION

University of Toronto

2021 - 2026

3rd Year | Bachelor of Applied Science: Computer Engineering

Honors: Dean's Honor List (Fall 2021, Winter 2022, Fall 2022, and Winter 2024)

Minor Degrees (in pursuit of): Artificial Intelligence and Engineering Business

Relevant Coursework: ECE344 (Operating Systems), ECE345 (Algorithms and Data Structures), ECO101 (Principles of Microeconomics), JRE300 (Fundamentals of Accounting and Finance)

EXPERIENCES

Analyst - Intern, Deloitte

September 2024 – Current

- Collaborated with key stakeholders and clients to gather requirements and developed a dynamic Power BI dashboard to track and report on the progress of Regulatory and Compliance Management Assessments for Canada's second-largest bank, driving data-driven decision-making and improving reporting efficiency.
- Designed a Python program to automate Data Quality testing on critical datasets for Regulatory and Compliance reporting, ensuring data completeness, accuracy, and integrity, enhancing the reliability of data insights.

SDE Intern, Amazon

June 2024 – August 2024

- Designed and implemented a new feature for Amazon's internal job transfers tool, enabling hiring managers to specify their preferences for the ideal internal candidates for their open positions.
- Developed robust APIs deployed to API Gateway to communicate with a DynamoDB database, enabling efficient data retrieval and updating for the new frontend (React) components.

SDE Intern, Amazon

June 2023 – August 2023

- Implemented an AWS Batch job to streamline retrieval and filtering of employee data from a PostgreSQL database, ensuring real-time access to critical data for the payroll division.
- Conducted rigorous, thorough user acceptance and unit testing to ensure the robustness and reliability of software components newly introduced, successfully integrating it in the existing infrastructure.
- Prepared a formal, technical design document and presented to stakeholders, while actively engaging with the customers to align the project specifications with their needs and preferences.

PROJECTS | AWARDS

UofTHacks X | 1st Place Overall | Rescue Ranger ([Project Link](#))

January 2023

- Built a rover and employed computer vision to identify people who are stuck or lost amidst debris in warzones, uploading their location and image for storage in the Filecoin decentralized network.
- Developed a full-stack application using React and the Google Maps API to retrieve and display the exact coordinates of the victims, in order to facilitate the search and rescue process in war scenarios.
- Won the 1st Place Overall prize while competing against over 500 hackers and 90 teams, due to successfully delivering a groundbreaking idea with the integration of hardware and software development.

New Hacks | Best Use of Google Clouds | Ride Safe ([Project Link](#))

November 2022

- Developed an application that shares the location of bicycles to drivers in real time, so that they are aware of their surroundings, improving safety for bikers. Developed full-stack application using React and Node.js.
- Efficiently used the Google Maps API to display the location of the driver and nearby bikers, which were retrieved from Firebase, where the user coordinates were updated in real time.
- Won the Major League Hacking sponsored prize for best use of Google Cloud, after efficient use of technology under a short period of time, as well as an outstanding project delivery.

SKILLS

Technical: C/C++ | Python | Java | SQL | React | AWS (S3, DynamoDB, API Gateway, Lambda, Step Function)

Workplace: Team Problem-Solving | Public Speaking | Attention to Detail | Communication | Learning Agility