Adrien Trahan

adrientrahan265@gmail.com | (438) 523-4409
github.com/adrientrahan

EDUCATION

- Software Engineering - Polytechnique Montreal - University   2023 to present
- Natural Sciences - Collège Bois de Boulogne - Cegep **(final cote of 33.937)**   2021 to 2023
- Collège Saint-Sacrement - High School **(final average of 91%)**   2016 to 2021

SKILLS

- Proficient with Javascript, css, Sveltekit, Swift, mongoDB, Java
- Experience with: PostgreSQL, Microsoft SQL Server, Python, Ionic: Angular, GOOGLE APIs, git, npm

---

EXPERIENCE - COMPUTER SCIENCE RELATED

Business Intelligence Intern - L3HARRIS   2022 and 2023

- Managed Microsoft SQL Server databases, executed data integration,
- Led the development and migration of Power BI dashboards.
- Collaborated with clients from different locations to address their needs.

La Machine - Technical Association   2023 to 2024

- Implementation of an AI-based object recognition and positioning system to automate our solution's movement system for the "Jeux de génie" competition.

IT Security Team - Ethical Hacking Club   2021 to 2022

- Engaged in discovering and addressing modern vulnerabilities to enhance cybersecurity.

Programming team leader - Droide 5865   2019 to 2021

- Led a programming team in designing clean and structured Java code for FRC team projects, ensuring timely delivery.
- Competed at FIRST tournaments in Montreal and New York, qualifying for the 2019 FIRST World Championship in Detroit, MI.

EXPERIENCE - NON COMPUTER SCIENCE RELATED

CISSS des Laurentides   2021 to 2022

- Support for healthcare professionals. Reception and assistance to patients

Janitor - Commission Scolaire de la Seigneurie des Milles-Îles   2019 and 2020

- In charge of a school with one employee under my supervision.
- Responsible for the extensive summer cleaning spanning over 3 months within tight deadlines.
- Placed orders with suppliers for necessary products.

EXPERIENCE - SCHOOL RELATED

VP Integration - Computer Ingeneering and Software Engineering Commiteee   2023 to 2024

- Serves as a connection between new students and the school administration and ensuring their seamless integration into the institution.

PolyParty - Polytechnique Party Organisation Committee   2023 to 2024

- Member of the organizing committee for parties with over 1000 attendees at Polytechnique.

FOUNDER - SOCIOBDEB   2022 to 2023

- Founder of a committee that creates parties with over 500 attendees for Collège de Bois-de Boulogne.

PROJECTS & PERKS

Forward Forward Algorithm Implementation   2023
- Built an AI library based on Geoffrey Hinton's Forward Forward Algorithm.
- ↳ Repo: https://github.com/AdrienTrahan/ForwardForward

SportsZone - Fullstack Project   2020 to 2021
- Developed a comprehensive sports platform accessible via Android, iOS, and website interfaces.
- Utilized a tech stack including Node, Angular, Ionic, and MongoDB.
- ↳ Repo: https://github.com/AdrienTrahan/SportsZone

Row Jumper   2016
- Managed the iOS app submission process for the App Store.

AWARDS & MENTIONS

- **Judges' Favorite Award**   2020
  Received at HACKATOWN 2020 by PolyHx
- **Hackathon Winner**   2019
  Won first place at Polytechnique Montreal with Collège Saint-Sacrement
- **Summer's Programmer**   2018
  Won at Polytechnique's summer programming camp
- **Hackathon Winner**   2017
  Won first place at Polytechnique Montreal with Collège Saint-Sacrement

---

FIELDS OF INTEREST

In the little free time that I have, I enjoy competing in individual and team sports (city hockey team, varsity badminton team, collegiate athlete of the year), playing piano and travelling (Viet-nam, China, France, Germany, Netherlands, Czech Republic, Canada and USA).

References available upon request.