

PENOELO THIBEAUD

Computer Engineering Student & Part Time Hacker

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📍 Montreal, Quebec, Canada

🔗 <https://available-morocco-d48.notion.site/Penoelo-Thibeaud-Portfolio-b64a65559410478f9fb7b5a3d515ed4d?pvs=4>

in <https://www.linkedin.com/in/penoelo-thibeaud-6a092b235/>

🔗 <https://github.com/Pepen0>

PT

WORK EXPERIENCE

BI Developer intern

Nestlé Canada

📅 2025/05 – Present

📍 Montreal, QC (Hybrid)

- Built & maintained interactive **Power BI** dashboards for Sales & Ops, automated weekly refresh from SQL data sources to **cut manual Excel** time by ~40%.
- Authored production SQL queries & modeled KPIs (response times, order details, promotion performance, etc.), track data merge & validation.
- Documented data model & refresh pipeline, handled user tickets in Teams channel (**target < 5 days SLA**), prepared **new analyst onboarding resources**.
- Served as **VP Communications** (Intern Committee), led EN/FR updates, event comms & feedback loop between interns & HR.

AI Automation intern

Carange Solution

📅 2024/08 – 2025/01

📍 Montreal, QC, Canada

- Analyzed business processes and identified opportunities for AI integration to **enhance productivity** and **optimize workflows**.
- Integrated and deployed **AI solutions** (e.g. GPT agents, OpenAI APIs) to automate internal queries, repetitive tasks, and client-specific processes.
- Led **AI implementation projects**, such as developing email response and social media page automation workflows.
- Conducted tool comparisons and created impact reports to recommend optimal **AI solutions** and demonstrate value-added improvements.

Embedded System Developer Intern

Newtrax

📅 2024/01 – 2024/08

📍 Montreal, QC, Canada

- Conducted **code reviews**, **debugging**, and **automating** internal processes. (**python, c++**)
- Resolved internal tool configuration issues, Enhanced the security, functionality and accessibility of internal tool user interfaces.
- Collaborated on **Jira** and **GitLab** for project documentation and tracking.

Logistic Intern

Labatt

📅 2022/06 – 2022/08

📍 Saint-Hubert, QC, Canada

- Planned trailer entries, exits, input and output information.
- Corrected inventory errors and Produced **reports** (employee productivity, breakage and loss, inventory, etc.).
- Ensured compliance with safety regulations in the warehouse.

LIFE PHILOSOPHY

"Success means adapting and contributing to others."

MOST PROUD OF



Mastering Balance between

school, work, family, relationship, finances and health throughout my university years.



Persistence & Loyalty

I showed despite the hard moments and sleepless nights In CU's Library



My Academic Progress

from a Struggling in Cegep classes to proud CU Undergrad Student



Soon to be the First Engineer

In my family

SKILLS

Soft Skills

Problem Solving, Detail-Oriented Communication, Agile

Programming Languages

Python, Java, C++, Dart (Flutter) Arduino

Embedded Development

Microcontrollers / FPGA, Yocto, SDL2

Data & AI

SQL, Microsoft Power BI, PyTorch AI Integration, Prompt Engineering

Fluent Languages

English, French, Creole

EDUCATION

B.A. in Computer Engineering

Concordia University, Montreal, Canada

📅 2022/01 – 2026/05

DEC in General Science

Montmorency Cegep, Laval, Canada

📅 2018/07 – 2021/12

PROJECTS

Image Classification AI

Personal Project

📅 2024

- Developed **AI models** to classify images using the **CIFAR-10 dataset**, exploring the impact of different **machine learning** architectures.
- Compared **Gaussian Naive Bayes**, **Decision Tree**, **Multi-Layer Perceptron** models and **Convolution neural Network**.
- Gained insights into model **complexity vs. performance** trade-offs.
- Achieved **86.5 percent accuracy** with a **CNN model** (VGG11)

Autonomous Hovercraft Project

Team Project

📅 2023

- Designed and built an **Arduino-based** autonomous hovercraft capable of navigating mazes using sensors.
- Integrated **ultrasound** sensors, **IMU**, and propulsion systems for effective obstacle avoidance and control.
- Secured **2nd place** in a student engineering **competition**.

Digital Goniometer

Personal Project

📅 2023

- Created a digital device for measuring joint angles to assist in physical rehabilitation.
- Using **IMU sensors** and **Bluetooth Low Energy (BLE)** for accurate measurements and real-time data transfer to an Android app.
- Developed a **functional prototype** and improved skills in sensor integration and app development.
- Secured **2nd place** in a student engineering **competition**.

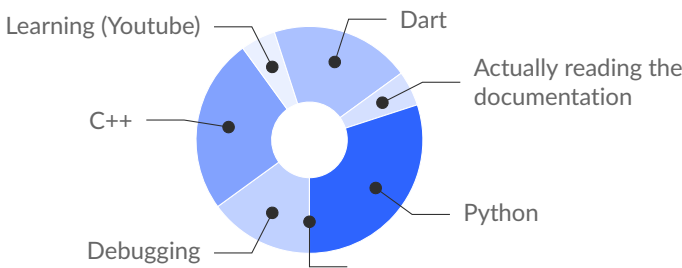
Real Estate Website

Personal Project

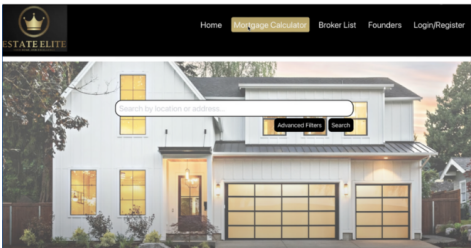
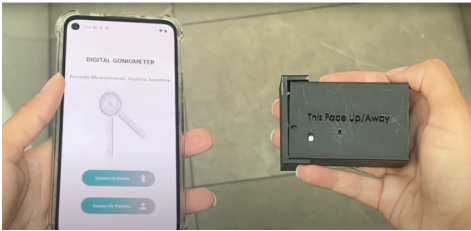
📅 2023

- Built a full-stack web application for real estate listings with search, filtering, and interactive map functionalities.
- Deployed the **MERN stack** (MongoDB, Express.js, React, Node.js) and integrated **Google Maps API** for property visualization.
- Successfully implemented the application and improved understanding of **web development**.

MY CODING LIFE



VISUALISER



HOBBIES & INTERESTS

Sports

Soccer, Basketball, Tennis, Football, Gym

Digital Content

Video Games, Anime, Digital Content Creation