

JERRY JECROIS

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jj056.github.io/portfolio

Languages: French and English

Bachelor of Software Engineering

École de technologie supérieure (ÉTS), Montreal

Starting Fall 2025

DEC in Computer Science Technology

Collège de Maisonneuve, Montreal

2025

End-of-studies Internship:

Full-Stack Web Developer - House Listing Website

Win Technologie, Quebec

Summer 2025

- Gathered client requirements and adapted the application to meet their needs
- Designed and implemented web pages and corresponding API routes
- Integrated features such as Google Street View, Google Maps, and Mapbox for enhanced user experience

Achievements:

- Refactored the property map to integrate Mapbox, replacing Google Maps
- Reduced loading times for map clusters and property listings through MongoDB indexing
- Enhanced the street view feature, enabling users to virtually explore streets and retrieve property information via API

TECHNICAL SKILLS

Operating Systems:

Windows, Linux (Debian, Ubuntu, Fedora, Kali)

Programming Languages:

Python, Java, C++, Kotlin, HTML, CSS, JavaScript

Frameworks and Libraries:

React, Node.js / Express, Bulma, Flutter, Firebase, PyTorch, Fastai, Pandas, Numpy, Scikit-learn, Matplotlib

Databases:

MS SQL, SQLite, MongoDB, MySQL

Tools and Environments:

Git, Azure, JetBrains, Eclipse, MS Office

Technical Competencies: REST API Development, Software Refactoring

ACADEMIC PROJECTS

Social Media Application Development (MyCircle)

2024

- Designed a social media platform featuring post creation, modification, and deletion
- Developed customizable user profiles with personal information editing
- Integrated interactive features (liking, commenting) to increase user engagement
- Integrated the OpenAI API (ChatGPT 3.5 Turbo) to generate personalized profile description

ACADEMIC PROJECTS (CONTINUED)

Anime Episode Tracking Website	2024
<ul style="list-style-type: none">• Developed an interactive website with user authentication• Enabled episode browsing and viewing history tracking• Designed the user interface using React and Bulma• Integrated APIs for episode management and authentication• Hosted the website on Azure	

WORK EXPERIENCE

Warehouse Order Picker	Summer 2025
SAQ, Montreal	
<i>Skills Developed:</i> <ul style="list-style-type: none">• <i>Autonomy</i>• <i>Effective Communication</i>• <i>Time Management and Speed of Execution</i>• <i>Adherence to Safety Guidelines</i>• <i>Ability to Work Under Pressure</i>	

Housekeeping	Summer 2023
CIUSSS de l'Est, Montreal	
<i>Skills Developed:</i> <ul style="list-style-type: none">• <i>Collaboration and Teamwork</i>• <i>Coordination and Planning</i>• <i>Sense of Responsibility and Reliability</i>	

ADDITIONAL TRAINING

Machine Learning	2025
Stanford University and DeepLearning.AI on Coursera	
Mathematics for Machine Learning	2023
Imperial College London on Coursera	

PERSONAL PROJECTS

Dog Breed Classification Model	2024
<ul style="list-style-type: none">• Developed a deep learning model to classify 120 dog breeds from images• Preprocessed the data and trained the model using PyTorch and Fastai• Evaluated the model's performance using machine learning metrics• Visualized the results via the HuggingFace interface	