

# JERRY JECROIS

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jj056.github.io/portfolio

Languages: French and English

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## 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

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### 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

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### 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)

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### Anime Episode Tracking Website

2024

- 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

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### Warehouse Order Picker

Summer 2025

SAQ, Montreal

*Skills Developed:*

- *Autonomy*
- *Effective Communication*
- *Time Management and Speed of Execution*
- *Adherence to Safety Guidelines*
- *Ability to Work Under Pressure*

### Housekeeping

Summer 2023

CIUSSS de l'Est, Montreal

*Skills Developed:*

- *Collaboration and Teamwork*
- *Coordination and Planning*
- *Sense of Responsibility and Reliability*

## ADDITIONAL TRAINING

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### Machine Learning

2025

Stanford University and DeepLearning.AI on Coursera

### Mathematics for Machine Learning

2023

Imperial College London on Coursera

## PERSONAL PROJECTS

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### Dog Breed Classification Model

2024

- 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