Negar Pirasteh

negarpr@hotmail.com | Portfolio Website | LinkedIn | GitHub

Education

Lasalle College | Montreal, QC   Aug. 2023 - Aug. 2026
Diploma of College Studies in Computer Science: Programming (R Score: 29.7)

Projects

WealthWise | Live Demo | GitHub   Nov. 2024 - Dec. 2024
Python, Flask, SQLite, RESTful API, Matplotlib, Pandas, HTML, CSS, JavaScript
- Developed and tested a personal finance web application, WealthWise, to track income, expenses, and investments, improving financial management for 50+ mock users.
- Integrated real-time stock data using a RESTful API, conducting manual and API testing to ensure accurate and fast data retrieval, reducing query response times by 20%.
- Visualized financial trends and data using Matplotlib and Pandas, providing 5+ interactive charts for decision making.
- Designed a responsive user interface with HTML/CSS, ensuring compatibility across 5+ device types, reducing UI bugs by 15%.

FrenchFacile | Github   Jan. 2025 - Present
Django, Python, SQLite, PyTorch, Django REST Framework, React
- Developing and testing FrenchFacile, an interactive platform for learning French, with 90% feature completion.
- Implementing machine learning models using PyTorch, achieving 80% accuracy in lesson recommendations.
- Building RESTful APIs with Django REST Framework, verifying 100+ API calls for authentication.
- Collaborating with a teammate to deliver a fully functional backend, ensuring seamless integration with the React-based frontend.

Product Inventory App | Github   Nov. 2024 – Dec. 2024
C#, .NET WinForms, SQL Server
- Developed CRUD functionalities with SQL Server, managing 50+ inventory records efficiently
- Designed a Windows Forms interface, reducing user errors by 15% through improved usability.

Classroom Management System | Github   Feb. 2024 – Apr. 2024
Java
- Built a console-based app with OOP principles to manage 100+ student records including enrollment and grading.
- Designed an interactive menu, improving task efficiency by 20% during testing.

Experience

Cook / Food Preparation   May. 2023 - Aug. 2023 & May. 2024 - Sep. 2024
Patty Slaps | Montreal, QC
- Delivered and served 50+ menu items daily, ensuring consistent quality during peak hours.
- Collaborated with a team of 10+ staff, demonstrating reliability and teamwork, leading to rehire based on strong performance.

Technical Skills

Languages: Python, Java, C#, SQL, HTML, CSS
Frameworks/ Libraries: Django, Django REST, Flask, Pytorch, .NET, Entity Framework, Matplotlib, Pandas
Developer Tools: Git, Postman, SSMS, Agile (Scrum, Lean, Kanban, XP), CI/CD Pipelines
Other Skills: RESTful API Development, Database Optimization, Unit Testing, Data Visualization

Languages

English, French, Persian