Pauline WANG

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EDUCATION

Ermitage International School of France *High School*   June 2022
Highest Honours in the French Baccalaureate

McGill University *B.S. Computer Science and Statistics*   May 2025
Merit-based entrance scholarship
Courses: Object-Oriented Programming, Data Structures & Algorithms, Discrete Math, Linear Algebra, Calculus, Probability & Statistics

SKILLS

Languages: Java, Python, C, C++, R studio, JavaScript, HTML/CSS, LaTeX, MIPS, Golang
Tools: Git/GitHub, Unix Shell, VS Code, IntelliJ CLion/PyCharm/IDEA, SQL, Google Cloud
Frameworks: Angular, Node.js, Flask, JUnit, VueJS, WordPress, Django
Libraries: React, Pandas, NumPy, Matplotlib, TensorFlow, PyTorch
Spoken Languages: French(Native), English(Proficient), Mandarin(Native), German(Intermediate)

PROJECTS

Tower Defense Game | *Java*   Nov. 2023
- Created a user-friendly GUI for the game using Java Swing library
- Implemented various features including enemy waves, tower upgrades, and score tracking
- Utilized object-oriented programming concepts and design patterns to develop a scalable and maintainable codebase.

GetYourPerfectClothes | *Python, OpenCV*   May 2023
- Developed an app using artifcial intelligence to help users make fashion choices
- Utilized computer vision techniques to detect the shape and color of clothing items from user-uploaded photos

GetYourPerfectRestaurant | *Django, API*   Aug. 2022
- Developed a website using Django
- Used Google Maps API to retrieve the user's location and generate a list of nearby restaurants

EXPERIENCE

SILICON SILK LTD | *Part-time remote*   Sept. 2022 – May 2023
- Silicon Silk is a FCA-authorized fintech company specializing in delivering mobile e-wallet payment solutions.
- Debugged and fixed technical issues in the mobile e-wallet app to ensure a seamless user experience
- Designed and executed testing procedures to identify and fix bugs in the app before it goes live.

Asia Digital Bank | *Software Developper Intern*   May 2023 – Aug. 2023
- Collaborated with a cross-functional team of developers, testers, and designers to create and maintain software applications and tools for banking operations.
- Assisted in the design and development of user-friendly interfaces and backend systems, contributing to the enhancement of customer experience.
- Participated in code reviews and debugging sessions to ensure the quality and reliability of software products.

HOBBIES

3rd Place at the French Finswimming Championships 400m   2019
Participated to several National Championships in France

2nd Place at the Grand Concours International de Piano de Lyon   2019
Grade Excellence A