Audrey Sin Fai Lam

SUMMARY OF SKILLS

- **Mobile app development** experience for iOS and Android
- **Web development** experience using JavaScript, CSS, SASS, HTML
- **Data analysis skills** using R, Python, pandas, NumPy, Matplotlib
- **Programming skills** in C++, C, Swift, Kotlin, PowerShell, Bash with experience in object-oriented programming and Linux
- **Fluent in French** certified by a DELF B2 certificate

CONTACT

- ✉ axysinfa@uwaterloo.ca
- in linkedin.com/in/audrey-sin-fai-lam
- ⚫ github.com/Audreysin
- 🖥 audreysin.github.io
- 📞 +1 (226) 789 9517

WORK EXPERIENCE

Junior Web Developer   January 2020 – April 2020

Raymond James Ltd   Toronto, Ontario

- Built stock market apps for WatchOS and Wear OS, strengthening the company's marketing expansion strategy
- Used Alamofire and SwiftyJSON libraries to reduce the code complexity for fetching and processing market data
- Developed and revamped 10 webpages using HTML, CSS, JavaScript, Sitecore and SharePoint to create a more intuitive user-interface and to facilitate client access to the services provided by the firm
- Updated and troubleshooted issues on 50 pages, ensuring the functionality and content accuracy of the websites

IT Operations Compliance Analyst   April 2019 - August 2019

Ontario Municipal Employees Retirement System (OMERS)   Toronto, Ontario

- Automated report generation in PowerShell, improving the efficiency of IT infrastructure analysis by 2%
- Audited over 3000 privileged accounts by analyzing the data using PowerShell scripts and Microsoft Excel
- Ensured smooth deployment and decommission of servers using ServiceNow platform

PROJECTS

Portfolio analysis program   May 2020 – Present

- Developed a program in Python to calculate the annualized return and volatility of a portfolio of stocks
- Fetched historical market data using yfinance library and analyzed dataset using pandas and NumPy libraries
- Generated charts from the processed data frame using Matplotlib, providing graphical representation of returns

To-Do List iOS App   March 2020 – April 2020

- Created the front-end in Swift using Table Views and added swipe functionality to Cells using SwipeCellKit
- Implemented the data storage ability using Core Data, ensuring efficient storage and data lookup

Reversi and Tetris Games   October 2019 - November 2019

- Built the games in C++, applying OOP concepts, model-view-controller and observer design patterns
- Designed the project using ULM diagrams and collaborated in a team using GitLab, making 40 commits

EDUCATION

Candidate for Bachelor of Computing and Financial Management   September 2018 - Present

University of Waterloo   Waterloo, Ontario

Cumulative GPA: 88.7%

Awards: Term Dean's Honours List (Fall 2018, Winter 2019, Fall 2019)

First in Mauritius, University of Waterloo Euclid Mathematics Competition 2017