

Pierre Moreau

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SUMMARY:

Software Engineering student with over six years of experience in computer science, including software development, problem-solving, and system design. Strong foundation in finance and mathematics with proven ability to create innovative, business-driven technology solutions that improve efficiency and bridge the gap between technology and business needs.

TECHNICAL SKILLS:

- **Languages:** C#, HTML/CSS, Java, JavaScript, Python, SQL
- **Frameworks & Environments:** .NET, Expo, Express, Node.js, React, React Native
- **Developer Tools:** Docker, Firebase, Git, Google Cloud Platform, Microsoft Azure
- **Certificates:** IBM Z Xplore All Star (2025)
- **Other Foundations:** Agile, Mobile Development, Data Structures & Algorithms, Jira, Kanban, Mainframe, MS Office, Object-Oriented Programming, Unix/Linux OS, Web App Development

EDUCATION:

Software Engineering Technology (Co-op) | Advanced Diploma
Centennial College | Toronto, ON

September 2024 – Present
GPA: 4.5 / 4.5 (98%)

PROJECTS:

Fitness Trainer App | *Mobile App | React Native, Firebase, Google Cloud Platforms*

- Developed an AI-driven system to generate personalized workout plans based on user profiles
- Designed and implemented features to track and analyze historical workout data
- Leveraged Google Cloud Platform web services for automated scheduling of daily API calls

Calculator Hub | *Mobile App | React Native, Firebase, Google Cloud Platforms*

- Maintained a comprehensive database of international currency rates using Firebase for distributed storage
- Automated currency rate updates by scheduling API calls via Google Cloud Platform
- Enabled offline functionality to allow users to access previous conversion rates without an internet connection

Automated Stock Trading | *Python, Docker*

- Designed and implemented trading algorithms incorporating risk and reward analysis to optimize performance
- Automated execution of personalized trading strategies for consistent operation
- Containerized the program using Docker to enable scheduled deployment and automation

OTHER WORK EXPERIENCE:

Administrative Accounting Supervisor
Ripley's Aquarium of Canada | Toronto, ON

March 2019 – Present

- Manage and lead a team of financial administrators, ensuring precise operations for over \$100 million in annual cash flow
- Maintain spreadsheets to track and report financial data, supporting analysis of over 1 million annual transactions
- Resolve cash discrepancies and investigate fraud claims, recovering over \$50,000 in disputed funds
- Train over 100 employees across all departments on POS systems, cash handling protocols, and safety measures