

Pierre Moreau

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SOFTWARE DEVELOPER

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

TECHNICAL SKILLS

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

EDUCATION

Advanced Diploma in Software Engineering Technology (Co-op)

Centennial College | Toronto, ON

Expected December 2027

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 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 team of financial administrators, ensuring operations for \$100 million in annual cash flow
- 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