# Jessica Silva de Carvalho

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## PROFILE

Experienced finance professional transitioning into software development, I have expertise in risk mitigation, strategic project leadership, and problem-solving. I am currently studying Computer Programming at Georgian College@ILAC to expand my skills in software development. As a self-starter, I work on personal projects to enhance my technical skills, recently I have been working on the Back End of a Portfolio App project using C#, .Net and OOP principles. I am passionate about learning and eager to explore new design patterns and cloud architectures through practical application.

I am now seeking a cooperative (coop) position as a Software Developer Intern in Toronto, where I can contribute to innovative projects, enhance my skills and master new technologies.

## EDUCATION & QUALIFICATIONS

Georgian@ILAC College - Advanced Diploma Computer Programming                                    2025

With this course I am building a strong foundation in computer science, learning programming languages such as Java, JavaScript, Python, PHP, C#, SQL, as well as other important knowledge like docker containers and cloud. My projects include a full a website in PHP integrated with mySQL database, and the Back End of a Portfolio App project using C# and .Net, demonstrating my ability to apply technical knowledge to applications.

Federal Rural University of Rio de Janeiro, BR - Bachelor's degree Economics                        2018

National Industrial Apprenticeship Service – SENAI - Diploma Information Technology                2014

Learned the basics of software development, focused in programming logic, basic concepts, HTML, CSS and JAVA.

## KEY SKILLS

- Proficient in risk mitigation strategies and efficient problem-solving methodologies acquired through experience in financial operations and strategic project leadership.
- Project Management: Multitasking expertise enabling efficient management of multiple projects and tasks simultaneously to meet deadlines and deliver quality results.
- Leadership: Strong skills in people management, demonstrated through effective 9 people team leadership and collaboration with great feedback by the team.
- Communication: I collaborated closely with developer teams on cross-functional projects, gaining excellent communication and presentation skills by leading and coordinating projects that required clear, effective collaboration.
- Detailed-oriented: Identified a discrepancy of 10 million units of currency, of which 9.3 million units were successfully recovered through meticulous investigation and reconciliation efforts.
- Adaptability: Adapted quickly to new coding environments and worked on independent projects during my time in college.
- Java
- C#
- .Net
- JavaScript
- Python
- SQL
- Cloud Computing

- GitHub and Git Workflows
- HTML and CSS

## WORK EXPERIENCE

### Financial Team Leader | Neon Payments SA                    Apr 2020 to Oct 2023

Neon Payments SA is a Brazilian digital bank (startup) that aims to offer a great service with fair tax.

- Led a team in optimising financial operations and implementing strategic projects to enhance client security and improve efficiency.
- Reduced execution time of several tasks by 50% through automating tasks using SQL queries and Python to handle large documents efficiently.
- Collaborated with other teams on several projects, attending sprint ceremonies to discuss priorities and challenges for the projects, excelling in my collaborative and teamwork skills. One big project was the implementation of instant transference and payment (PIX).
- Recognized as a self-starter, I independently identified and resolved a discrepancy of 10 million units of currency. 9.3 million units were successfully recovered through meticulous investigation and reconciliation efforts, demonstrating attention to detail and problem-solving abilities.
- Developed controls and processes to mitigate risks and ensure operational excellence while fostering a leadership style focused on transparency, trust and open communication.

### Financial Analyst | Guide Investments SA                    Dec 2017 to Mar 2020

Investment and wealth management company.

- Monitored key performance indicators and conducted in-depth analysis to support investment decisions and financial reporting, improving my attention to details and risk mitigation skills.
- Assisted in the development of internal controls and workflow enhancements to streamline operations and improve accuracy, including automation of time-consuming tasks.
- Played a crucial role in reconciling investment products and resolving discrepancies in payment processing operations.

### Internship | National Bank of Economic and Social Development - BNDES       Mar 2016 to Dec 2017

BNDES is a federal bank that aims to help the economic and social development of Brazil.

- Updated the company's intranet to ensure the latest information was readily available.
- Designed and developed presentations for internal use, contributing to effective communication of key information by simplifying complex technical concepts for diverse audiences.
- Actively participated in research activities, assisting in data collection and analysis, and presenting findings in a clear way of communicating.

## ADDITIONAL INFORMATION

Developed a website in PHP integrated with mySQL database containing CRUD functionalities and Login/Logout session.

Created a To Do List in JavaScript with functionalities to create a new todo, include a deadline and select which was already done.

Designed a Simon Game using Tinkercad and C++.


Training – Product Management Course

Gained knowledge of Agile methodologies, including Scrum roles, artefacts, and ceremonies, to effectively manage and deliver projects. Also, developed essential skills for product management, including strategic planning, prioritisation, and roadmap development. [2022]


Languages – English; Portuguese