Jaqueline Duarte

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OBJECTIVE

Computer Programmer Analyst student with a proven strong problem-solving ability and a solid foundation in front-end and back-end development, machine learning, and database management. Experienced in utilizing modern tech stacks for software development and proficient in data analysis tools. Seeking a position as a Software Engineer or Data Analyst after graduation.

HIGHLIGHTS OF QUALIFICATIONS

- Proactive, inventive, flexible, teamwork-oriented with strong communication and cooperation skills.
- Worked as Tutor and Teacher Assistant at George Brown College for all courses that belong to the Computer Programmer Analyst program
- Participated in the IEEEXtreme (Competitive Programming Competition) and ranked 6th in Canada and top 10% in the world.
- Three years of proven leadership in management roles, adept at fostering teamwork, making strategic decisions, and achieving objectives effectively.

TECHNICAL SKILLS

- Distinct Object-Oriented Programming, Data Structures and algorithm design skills.
- Fluent in HML, CSS, JavaScript, Python and Java programming languages.
- Highly experienced with React, Bootstrap, Node server technologies, GraphQL, REST API design, MySQL, PostgreSQL, MongoDB, Spring Framework and Docker.
- Knowledge of database design and implementation, and SQL query optimization.
- Proficient with Git version control system.
- Familiar with data preprocessing techniques (data collection, cleaning, integration and transformation) and common Machine Learning algorithms.
- Proficient in data analysis techniques, validated by completion of courses in Power BI and Google Data Analytics.

EXPERIENCE

Tutor and Teacher Assistant   September 2023 - Present

George Brown, Toronto - ON

- Totalized more than 400 hours of tutoring, helping students to succeed in their program by providing one-to-one tutoring sessions on the following topics: HTML, CSS, Javascript, Python, Java, PHP, MySQL, Data Structures and Algorithms.
- Assisted lab instructors during their classes.
- Planned and ran in-class tutoring sessions as additional classes that students could attend to reinforce their understanding of the weekly content.

Software Engineer   October 2023 - Present

Capstone Project, Toronto - ON

- Crafting a web application tailored for smooth restaurant management, encompassing intuitive dashboard overview, recipe management, and inventory control functionalities.
- Integrating forecasting tools and order planning features to optimize inventory management and streamline ordering processes.
- Leveraging technologies like React, Bootstrap, MongoDB, and Node.js to ensure efficient development and user-friendly experience.

Store Manager   June 2019 - January 2023

Union Food, Toronto - ON

Store Manager and Cash Supervisor - Tim Hortons, Booster Juice and McDonald's

- Successfully advanced from team member to Store Manager, overseeing three restaurants with over 80 employees, demonstrating effective leadership and strategic management.
- Developed an Excel tool to optimize Booster Juice's operations by predicting product usage percentages and quantities, reducing waste and enhancing inventory management.
- Utilized customer feedback and data analysis to enhance customer experience, identifying gaps and tailoring training programs for employees.
- Managed inventory, tracked waste, reviewed invoices, and resolved discrepancies for efficient resource utilization.
- Utilized data-driven insights from product sales to create production schedules, minimizing food waste and optimizing supply purchases.
- Collaborated closely with head office accountant for meticulous sales reconciliation, cross-referencing bank entries with in-store records to ensure precise financial statements.

Mining Engineer Intern   January 2017 - December 2017
Vale S.A, Brazil

- Collaborated closely with Process Engineer to gain comprehensive understanding of iron ore processing workflow.
- Led projects showcasing analytical prowess and problem-solving skills:
  - Conducted rigorous data analysis to assess equipment performance, determining maximum processing capacity and enhancing overall operational efficiency.
  - Investigated production gaps through KPI data analysis, identified issues, and presented solutions that boosted production by 8%.
- Contributed to Financial Management:
  - Collected and organized data for tracking expenses.
  - Utilized Excel sheets with formulas to ensure precise calculations, enhancing accuracy in expense control and budget management.
  - Uncovered and rectified purchasing discrepancies, recovering R$800,000 through meticulous cross-site purchasing analysis.
  - Preparing weekly and monthly reports on production and maintenance, highlighting the main causes of inefficiency.

EDUCATION

Computer Programming and Analysis   January 2022 – April 2024
Advanced College Diploma
George Brown College, Toronto

Mining Engineer   February 2013 – March 2018
Bachelor Degree
Faculdades Kennedy, Brazil

EXTRA CURRICULAR ACTIVITIES

Volunteered as an orientation guide at George Brown's waterfront campus, assisting new students with acclimating to the campus and answering any questions they had about facilities and services.

Ranked top 10% global and 6th place in Canada in the IEEEXtreme 2023 (Competitive Programming Competition).

Participated in the creation and operation of a junior company, Mineral Minas, alongside 5 classmates and 2 teachers on my first graduation. The company provided mineral search services and served as a practical learning opportunity for students.