Rafael Abreu de Cristo

Contact Information

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GitHub:	My GitHub (https://github.com/rabreucristo)

About Me

I am well-motivated, hard-working, and conscientious software Developer; Currently enrolled in my final year of the Web and Mobile Application Development program at NBCC.

My goal as a developer is to grow in the company while helping to create new innovative software solutions to help the organization strive.

Work Experience

Dec 2021 - Current | **Professional Tutor at NBCC, Canada**
- ✓ Responsible for teaching physics and circuits on a weekly basis in order to make students succeed in their careers.

Dec 2021 - May 2023 | **Software Development Student at NBCC**
- ✓ Portfolio using PHP(BackEnd)/Bootstrap/CSS/HTML.
- ✓ Hotel Reservation - Using CRUD Operations in C# (NTIER Architecture)
- ✓ Flutter Mobile - A Groom pet Application.
- ✓ Card game in C#.

Aug 2020 - Jan 2022 | **Python Developer at CIMATEC, Brazil**
- ✓ Responsible to implement Python codes using a state-of-the-art-framework called Devito, a platform that generates optimized c-code using symbolic expressions in Python
- ✓ Implemented an inversion algorithm called Least squares reverse time migration in Devito, using 2d datasets.
- ✓ In charge of reviewing and implementing geophysical algorithms in an anisotropic TTI media using Devito.

Aug 2017-Aug 2020 | **Geophysicist at CGG, Brazil and USA**
- ✓ Expert in QC (De-signature, De-ghost, De-noise, SRME-MWD subtraction).
- ✓ SRME modelling and subtraction. Joint subtraction (MWD + SRME).
- ✓ Used internal software to detect all types of noise via machine learning.
- ✓ Created an automatic way to QC huge amount of data using shell script.

Skills

Advanced Knowledge:	JavaEE, Spring Boot, Servlets, JPS, Python, GitHub, Git, C#, HTML, CSS, , JavaScript, SQL, MongoDB, NodeJS , PHP, Angular, NTIER Architecture, Flutter, Swift, Android Studio
Intermediate Knowledge:	Linux, GêBR, Seismic Unix, R, Agile Methodologies, JIRA

Education

May 2023	**Diploma in Web and mobile application development** **New Brunswick Community College (NBCC)**, ✓ JavaScript, HTML, CSS, NodeJS, Bootstrap, Angular,TypeScript. ✓ JAVAEE - Built application with user interaction ✓ C# developer - Developed applications using Windows form. ✓ SQL- All CRUD Operations, Stored Procedures, Aggregate Functions. ✓ ASP.NET- MVC Framework, .NET Core
August 2017	Master in Geophysics
December 2014	Bachelor Degree in Geophysics

Papers and Certificates

August 2021	17th International Congress of the Brazilian Geophysical Society Acoustic Least-Squares RTM using Devito (Python Based).

Languages

English:	Advanced
Portuguese:	Mother tongue
Spanish:	Basic Knowledge