

Luann Dias

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SUMMARY

- Bachelors in Computer Science with experience in IT consulting and some knowledge of mobile software development in Android and iOS.
- Bilingual in English and Brazilian Portuguese.

EDUCATION

University of Massachusetts Lowell (UML), MA

B.S. in Computer Science – May 2021

Middlesex Community College (MCC) Lowell, MA

A.S. in Computer Science - May 2019

- Member of the Phi-Theta-Kappa Society - Fall 2017

TOOLS

Programming Languages:	Java, C/C++, Python, Swift, Assembly
Scripting Languages:	JavaScript, XML, HTML
Operating Systems:	Windows 7 & 10, Unix/Linux, Mac OSX
SDK/API Experience:	Android, SwiftUI, WebGL, Pandas, NumPy, scikit-learn

PROJECTS

BudgeIt (UML) February 2021

- iOS budgeting application that keeps track of the user's transactions with the Plaid API to help them set a monthly budget to save money.

Visual Studio Extension (UML) November 2020

- Pomodoro Technique for time management in Visual Studio Code.
- <https://github.com/LDias97/VS-Saturn-3>

AI Stock Market Predictor (UML) October 2020

- Python based AI project used to test correlations between the attributes of a stock and the future price.
- Calculates closing prices by using Random Forest and Naïve Based Algorithms with scikit-learn libraries.

DNA Sequence Alignment (UML) October 2019

- C++ program that computes the optimal sequence alignment of two DNA strings using dynamic programming.
- Measure two genetic sequences by their edit distance, a concept first introduced in the context of coding theory, but which is now widely used in spell checking, speech recognition, plagiarism detection, file revisioning, and computational linguistics.

EXPERIENCE

Alpha Omega Solutions, Billerica, MA

June 2019 - Present

IT Consultant

- Installing and trialing new systems and software, along with fixing any issues that arise.
- Repairing computer problems and removing viruses
- Networking and TCP/IP addressing
- Analyzing and diagnosing client's IT infrastructure

Rockland Trust Bank, Woburn, MA

August 2015 - June 2019

Teller I

- Support customers with online banking and information.
- Meet customer needs through problem solving techniques as required.
- Process all transactions including deposits, withdrawals, transfers, check cashing, etc.