

# 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.
- Measures 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.