

Ernesto Louis

SOFTWARE ENGINEER

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EDUCATION

Nova Southeastern University

B.S. in Computer Science, GPA: 3.77

Aug 2019 - May 2023

3301 College Ave, Fort Lauderdale, FL 33314

Minor in Human Nutrition, GPA: 4.0

Minor in Mathematics, GPA: 4.0

EXPERIENCE

Acting Scrum Master

Nova Southeastern University

Mar 2022 - May 2022

3301 College Ave, Fort Lauderdale, FL 33314

- Coordinated and conducted stand-ups and sprint reviews for the class's group projects to increase productivity and success of the projects throughout.

PROJECTS

Where on Earth is Waldo? | whereonearthiswaldo.herokuapp.com | geofactsapi.herokuapp.com

- An interactive 3D-globe application where users attempt to locate Waldo; and accompanied by my custom-built API to grab various information from a server, this application was created to help (me and) others strengthen their geographical knowledge and skills. Users can set different options to find Waldo: by country facts; by country name; by country flags; by country capitals.

Inventory Tracker | Java - MySQL - JavaFx

- Created for businesses to achieve increased productivity all while tracking and recording products.

School Management System | Java - MySQL - JavaFx

- Application that would facilitate that of a school system, allowing administration and students access.

Text-to-Speech Google Chrome Extension

- Extension created to facilitate web-reading. Serves the purpose of reading long texts and aid those

Quiz Application(s) | HTML - CSS - JavaScript - PHP - MySQL

- Web application allowing users to increase knowledge in various self-selected topics. Useful when studying.

Rest API Web Application | HTML - CSS - JavaScript

- Fetches data from API endpoints, saving them to a database and then populating it onto the webpage.
- It allows for performing CRUD operations, allowing a better understanding and working with APIs.

Ice Cream Sundae Order Application | Java/Kotlin - Dart/Flutter

- Implemented with both a binary tree and a linked list, users can make orders on various ice cream types and flavors.

User-generated Reflection Application | Mongoose - React - NodeJs

- A media application that allows users to share their most important moments, with various CRUD functionalities.

Space Battle 2D Game | Unity 2D - C#

- Users control a spaceship and fight off enemies. It consists of enemy waves, power-ups, and bosses.

SKILLS

Programming Languages / Frameworks: HTML, CSS, JavaScript, Java, NodeJs, MongoDB / Mongoose, C++, MySQL

Expose Languages / Frameworks: Spring Boot, Kotlin, Dart / Flutter, C#, PHP

Development: Git, (exposed) Android Studio, Heroku