Luis Souto

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Education

BACHELORS SCIENCE | UNIVERSITY OF CENTRAL FLORIDA   **2021- 2025**

- Major: Computer Science
- Involvement: SHPE (Society of Hispanic Professional Engineers), First Step, AI@UCF
- Relevant Coursework: Computer Science 1 and 2, Calc 1, Discrete Structures, Intro to Programming with C, Object Oriented Programming, Intro to ML Algorithms

Experience

Google | STEP Intern   **2023**

- Decreased the latency for a critical system used by 500+ teams by implementing a pub/sub based messaging/notification system and deploying a cache using a memcached based tool.
- Developed a framework for developers to detect regression in their code changes earlier in the SDLC lifecycle by providing an early detection A/B testing mechanism.

Extracurriculars

ENGINEERING CLUB | MEMBER   **2017-2019**

- Worked on Autodesk Cad projects creating models and using 3d printers
- Built and programmed robots to perform certain tasks such as picking up blocks

Projects

STAT TRACKER DISCORD BOT   **2022**

- Wrote a discord bot using python that tracks and stores game stats for league of legends of discord members
- Uses discord.py, original version used webscraping via selenium but later updated to use the riot games API for greatly increased speed and data accuracy
- Bot and mySQL database storing usernames deployed on AWS , usernames stored in table according to rank descending.

TRAVEL PAL   **2022**

- Created a web app using React that assists the user in easing the process of selecting hotel and travel plans depending on their input options and search criteria and have plans to create a mobile app using react native.
- Implemented Tailwind CSS to upgrade the UX by creating a more responsive, user friendly, and visually appealing UI
- Utilized numerous hotel/travel APIs to gather data

Skills & Abilities

- **AUTODESK INVENTOR CERTIFICATION**
- **ADOBE PREMIERE PRO CERTIFICATION**
- **MICROSOFT POWERPOINT and WORD CERTIFICATION**
- **CODING LANGUAGES**
  - **JAVA, PYTHON, C, GO, SQL, BASIC FRONT-END(HTML, CSS, JAVASCRIPT)**
- **TOOLS/LIBRAIES**
  - **REACT, TAILWINDCSS, GITHUB, AUTOCAD, VSCODE, AWS**