ADIN LUKAS DELACRUZ

Orlando, Florida · 954-715-9685 · adinlukas01@gmail.com · https://github.com/Lukeisun · https://adinlukas.xyz/

EDUCATION

University of Central Florida — Orlando, Florida

B.S. Computer Science *GPA: 3.851* — *August 2019 - December 2022 (Expected)*

EXPERIENCE

Momo's Kitchen — Pompano Beach, Florida

Kitchen Prep/Catering — *August 2018 - July 2019*

- Prepared and served food at various catering events such as weddings.
- Fulfilled role of kitchen management when necessary.

South Plantation High School — Plantation, Florida

IT Teaching Assistant — *August 2015 - May 2019*

- Addressed student and faculty concerns with administrative technology and device troubleshooting.
- Provided technical support in group setting and worked closely with teacher.
- Utilized UNIX shell for file-management.

SKILLS

Languages: Java, C, Python (NumPy/OpenCV), Node, PHP

Databases: MySQL, MongoDB

Project Management: Git, Heroku, Docker

PROJECTS

Production System Web-app — *January 2022 - July 2022*

- Working collaboratively on redesigning production software for a gasket manufacturing company.
- Assisting in designing a micro-service architecture using Docker, MongoDB, React, and Node.
- Implemented Docker containers that communicate between each other, ensuring data is persistent.
- Wrote a python script that parses .pcapng files to discover SQL statements.

Event Manager — *March 2022 - April 2022*

- Delivered an event tracker/manager using a LAMP stack.
- Constructed CRUD back end with 24 endpoints that enable comments, and Google Maps.

Dungeon Run — *October 2021 - December 2021*

https://github.com/Group14-COP4331/large-project

- Runner-style game constructed using a MERN stack; built collaboratively.
- Fulfilled role of lead back-end engineer and was responsible for Heroku deployment/management.
- Developed REST API with 14 endpoints relating to CRUD operations, email communications, and live leaderboard updates.
- Designed database using MongoDB and facilitated back-end connections.

HoloBot — *October 2020 - November 2020*

https://github.com/Lukeisun/HoloBot

- Discord bot that scrapes a YouTube page and sends a message to let users know if a creator is live-streaming.
- Forked and used by four other users on GitHub.
- Written entirely in Python and hosted via Heroku.

RELEVANT COURSES

- Advanced Data Structures and Algorithms, Databases, Junior Design, Systems Software, Objected Oriented Programming, Artificial Intelligence, and Computer Vision.
- Discrete Mathematics 1 & 2, Matrix and Linear Algebra, and Combinatorics.