

ADIN LUKAS DELACRUZ

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

EDUCATION

University of Central Florida
B.S. Computer Science *GPA: 3.851*

Orlando, Florida
August 2019 - December 2022 (Expected)

EXPERIENCE

Momo's Kitchen
Kitchen Prep/Catering

Pompano Beach, Florida
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
IT Teaching Assistant

Plantation, Florida
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

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.
- Contributed heavily in discovering how the current implementation functions.
- Wrote a python script that parses .pcapng files to discover SQL statements.

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 and implemented database using MongoDB and additionally facilitated the back-end connections.

Contact Manager

August 2021 - September 2021

<https://github.com/Group14-COP4331/small-project>

- Standard contact manager using a LAMP stack with CRUD operations.
- Organized the back-end REST API with 10 endpoints.

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.