

## Chris Lantigua

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### Education

#### FLORIDA INTERNATIONAL UNIVERSITY

Miami, FL

Computer Science

December 2024

Relevant Coursework: Data Structures and Algorithms, Introduction to Machine Learning, Software Engineering 1 & 2, Operating Systems, Introduction to Data Mining, Systems Programming, Database Management

### Technical Skills & Projects

**Programming:** Python, Java, C++, C#, JavaScript, HTML, CSS, NodeJS, React, Flutter, SQL, PostgreSQL, Flask, Django, Git, Jest, Bootstrap, Figma

#### CIS 4951 Final Project

Implemented AI solution for extracting material's names, properties, and experiment data from research papers to be stored in the material engineering compendium. Technologies used: HTML, CSS, Typescript, GPT API, React, Python, Neo4j.

#### COP 4010 Final Project

Created database and interface for operation management of small markets. Successfully identified and implemented the solution using a combination of Python, Tkinter, and SQL.

#### Personal Project: Popcorn Pal – Movie application

Designed and implemented Flutter application that allows users gain insight of upcoming movies and shows. Implemented TMDB API and microservices for the final product.

#### Personal Ongoing Project: AmpliRiff – Online YouTube-based music streaming

Building full stack, online application to promote music listening through YouTube embeddings. Technologies being used: Python, Flask, HTML, CSS, JavaScript, React, SQLAlchemy.

### Experience

#### YK & N UNLIMITED

Miami, FL

##### IT/ Routing Assistant

December - 2019

- Implemented algorithm that accelerated routing process up to 90% by using Binary Search and applying Dijkstra's algorithm. Still being used by the company today.
- Built infrastructure that increased payroll procedure speeds up to 75% using Google API, Python, Openpyxl, OpenCV, Pandas, and Tabula.
- Played a pivotal role setting up communications infrastructure and organizational structure allowing a better communication between the company entities.

### Leadership and Activities

#### PHI THETA KAPPA

Miami, FL

Member

January 2019 - Present

#### NATIONAL SOCIETY OF LEADERSHIP AND SUCCESS

Miami,

FL

Member

November 2023 -Present