

CHRIS LANTIGUA

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EDUCATION

Computer Science

December 2024

Florida International University; Miami, FL

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

SKILLS AND STRENGTHS

Programming: Python | Java | C++ | C# | JavaScript | HTML | CSS

Libraries/Frameworks/ Tools: React | Flutter | SQL | PostgreSQL | Flask | Django | NodeJS | Git | Jest | Bootstrap | Figma

PROJECTS

Personal Ongoing Project: AmpliRiff - Online YouTube-based music streaming |

April 2024 - Present

Miami, FL

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

CIS 4951 Final Project | Miami, FL

January 2024 - April 2024

- Lead developer of AI solution for extracting material names and properties from research papers to be stored in a material engineering compendium. Technologies used: HTML, CSS, Typescript, GPT API, React, Python, Neo4j.

Personal Project: Popcorn Pal - Movie application | Miami, FL

January 2024 - April 2024

- Conceptualized solution to narrow down media entertainment selection by designing Flutter application allowing users to gain greater insight of upcoming movies and shows. Utilized TMDB API and microservices for final product.

EXPERIENCE

YK & N UNLIMITED | Miami, FL

December 2019 - May 2024

IT/ Routing Assistant

- Implemented script for accelerated routing process up to 90% by leveraging Binary Search and applying Dijkstra's algorithm. Still being leveraged by company today.
- Built infrastructure leading to expedited payroll forms and an increase in operation speeds by 75% using Google API, Python, Openpyxl, OpenCV, Pandas, and Tabula.
- Played a pivotal role setting up communications framework and organizational structure within premises.
- Led claim department and facilitated interaction between customer and employer, providing technical support and expertise with software when required.

EXTRACURRICULAR INVOLVEMENT

Member

January 2019 - Present

PHI THETA KAPPA; Miami, FL

- Collaborated and debated with 10 member to optimize activity completion within college premises.

Member

August 2023 - Present

THE NATIONAL SOCIETY OF LEADERSHIP AND SUCCESS; Miami, FL

- Met several leadership figures and offered voice personal views during carrier development meetings.