JOSUE SANDOVAL RODRIGUEZ

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EDUCATION

Kennesaw State University	**Bachelor of Computer Science, Minor in Math**	**Spring 2025**
	Concentration: Artificial Intelligence	
	Current GPA: **4.0**	
Dalton Sate College	**Associates of General Studies (Computer Science Pathway)**	**Spring 2023**
	Overall GPA: **4.0**	

EXPERIENCE

Mohawk Industries – *Data Analysis Intern; Calhoun, GA*   Aug. 2023 – Current
- Spearheading the process of automating and visualizing financial reports for various hardwood product managers.
- Leveraging Power BI to replace existing financial reports and provide current real time data to be used in quick business decisions.

Mohawk Home – *EDI Intern (Global IT); Sugar Valley, GA*   May 2023 – Aug. 2023
- Developed proficiency in IBM RPG programming language, gaining valuable skills in legacy software navigation, strict column-based programming, and software development lifecycle for the AS/400
- Successfully designed, programmed, documented, and pushed programs to production. Including a display program for efficient pallet value identification, and report program for warehouse inventory cost calculation
- Demonstrated adaptability and quick learning in IBM RPG and AS/400 environment
- Conducted and presented research on non-server-based AI tools for internal implementation

Dalton State College – *Peer Educator/Tutor;* Dalton, GA   Aug. 2022 - May 2023
- Conducted seven weekly one-on-one STEM tutoring sessions, delivering personalized academic support to college students
- Delivered walk-in tutoring for college courses including Calculus 3, Physics 1/2, and Programming 1/2

KFC – *Head Cook;* Dalton, GA   Sept. 2020 - May 2023
- Demonstrated responsibility, ensuring the safe and efficient preparation of food in a fast-paced environment.

PROJECTS

RPGLE GitHub Scraping – *Python script for gathering program data using GitHub Rest API*   Jun. 2023
- RPGLE GitHub Scraping is a Python-based program that leverages GitHub Code Search REST API to gather data from 1000 RPGLE repositories - https://github.com/HouseJoJo/rpgle-github-scrape

Revel Textbook Scraping – *Python web scrape automation for offline textbook access*   Feb. 2023
- Written in Python. This script uses Selenium and Pandas libraries for browser automation and data scraping textbook information from an online only Pearson textbook - https://github.com/HouseJoJo/revel-textbook-scraping

LU and Cholesky Decomposition Analysis – *Classroom Project for Intro to Numerical Analysis*   Mar. 2023
- Gathered, analyzed, and reported over 3k data points representing error margins for matrix decomposition algorithms https://drive.google.com/drive/folders/1-UfsmCpxDVFpy08SdmI7ZscS9mXDv6qY?usp=drive_link

GPT-3 Integrated General Discord Bot – *Python Bot to provide ChatGPT like responses to Discord*   Dec. 2022
- "DatBot GPT-2.0-GPT" Leverages the Python library Pycord and OpenAI's GPT-3 API to integrate a ChatGPT interface into the messaging service Discord - https://github.com/HouseJoJo/DatBot-2.0-GPT

HONORS, AWARDS, CLUBS

KSU AI Club - Founding Member; Project Lead for "Ask Scrappy"	Aug. 2023
HSF Scholar - (Hispanic Scholarship Fund) – Nationwide scholarship network - Accepted 10k applicants out of 100k	Jun. 2023
Math and Science Learning Center Assistant of the Year – Internal recognition within DSC Peer Education team	May 2023
KFC Foundation Scholarship Recipient	Apr. 2023

ADDITIONAL INFORMATION

Programming Languages/Tools : Python, Java, JavaScript, CSS, HTML, IBM RPG, IBM RDI, AS/400, Git, VSCode, Unix Command Line, Mac OS, Windows, SQL Databases, Power BI, Power Query
Languages: Bilingual Fluency in Spanish
Work Eligibility: Eligible to work in the U.S. with no restrictions