Jose Solano

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leonardohn07.github.io/portfolio-website/

Education

Florida State University Tallahassee, FL
Bachelor of Science in Computer Science *January 2024 – December 2025*

Experience

Parts Sales Manager June 2023 – December 2023
Autozone *Tampa, FL*

- Led daily operations and coordinated a small team to maintain workflow efficiency and accuracy
- Tracked inventory, analyzed store sales, and streamlined ordering processes
- Identified discrepancies in inventory and sales workflows

Projects

Accessibility Finder | *HTML, CSS, PHP, OpenStreetMapAPI, SQL, JavaScript*

- Built a hosted web application for reviewing public service businesses based on accessibility criteria
- Designed and implemented the architecture for creating and managing user review posts

Retail Clothing Stock Manager | *HTML, CSS, PHP, SQL, JavaScript*

- Developed a stock management application for retail items
- Implemented features for tracking items, sending alerts, and analytics

Named Entity Recognition Model | *Python, SpaCy, Tkinter, Streamlit, NumPy*

- Trained named entity recognition model for travel and tourism texts
- Developed a web version using Streamlit

Weather Bot Virtual Agent | *Cloud Flows, Microsoft Power Automate, WeatherAPI*

- Created an artificial intelligence virtual agent focused on the weather forecast
- Virtual agent be able to output weather conditions being given addresses
- Can send full detailed weather forecasts to email addresses

Machine Learning Model Cat vs Dog | *Python, TensorFlow, Keras, PyTorch, NumPy, Matplotlib, Jupyter Notebook*

- Created a machine learning model to classify images as cats or dogs
- Designed and trained a Convolutional Neural Network on a labeled image dataset
- Applied data prepocessing techniques like image resizing, normalization and augmentation
- Evaluated model performance using validation metrics and achieved high classification accuracy

Technical Skills

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, R
Frameworks: Tkinter, Streamlit, Keras
Developer Tools: Git, GitHub, Unix/Linux, Power Automate, VS Code, PyCharm, CLion, Eclipse, Apache
Concepts: Object-Oriented Programming, Web Application Development, Machine Learning, Natural Language Processing, Data Structures and Algorithms, API Integration, API Development, Database Design and Management, Computer Vision, Convolutional Neural Networks, Transfer Learning, System Design, Process Mapping, Data Visualization
Libraries: pandas, NumPy, Matplotlib, Streamlit, Tensorflow, Flask, Keras, PyTorch, JavaFX