

ANDREW JARMIN

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EDUCATION

California State University, Los Angeles

BS, Computer Science

Los Angeles, CA

Aug. 2020 – May 2023

PROFESSIONAL EXPERIENCE

Fashion Nova

IT Technician

Santa Fe Springs, CA

Feb. 2024 – Present

- Respond to ticked issues using JIRA, to troubleshoot technical problems within Fashion Nova Logistics.
- Developed a static web application to automate JQL query generation using JavaScript making it easier to filter past issues.
- Developed a personal tool using JavaScript that analyzes sub-locations, converting raw data into JSON format for easier analysis.
- Assist with network and server configurations, including print server mapping and IP configuration.
- Configure various Androids and RF devices using mobile device management systems like SOTI MobiControl.

The Aerospace Corporation Senior Capstone

Data Engineer Intern (Capstone)

Los Angeles, CA

Aug. 2022 – May 2023

- **Dilution of Precision Automation Project**
- Teamed up with a group of 10 colleagues and liaisons from The Aerospace Corporation to develop a MVP concept model for automating data analysis.
- Utilized Docker container technology to automate the data pulling, and data processing of Dilution of Precision(DOP) data values from satellite data using Aerospace's satellite analysis program.
- Transformed raw Two-Line Element (TLE) data into formatted ORB files using Python, for analysis.
- Configured Docker cloud containers to integrate Aerospace's satellite analysis program and Python scripts.

PROJECTS

Machine Learning Project

Predicting YouTube Likes

- Using Pandas and NumPy, training three regression model algorithms; Random Forest Regression, Linear SVC, and an ANN-R, to predict the number of likes a YouTube video could receive from an array of features in a dataset.
- Manipulated the dataset of over 90,000 rows provided by Kaggle to fit the needs of our regression models, executed One-Hot Encoding on categorical information and pre-processed additional features using Jupyter Notebook.
- Observed that Random Forest Regression was the best model to use for this specific dataset achieving close to 0.88 percent r-squared accuracy comparing the training dataset to our test dataset.

Backend Web Development Project

YuGiOh CLI API Project

- Developed the backend of a CLI to extract data from a YuGiOh API, utilizing JavaScript for core functionality.
- Implemented Node.js, Express, Cors, Superagent, and MongoDB to process and store user requests.
- Utilized Express.js framework to create GET and POST HTTP methods for data retrieval and server communication.

Frontend Project

Portfolio 2.0

- Developed a responsive personal portfolio website using HTML, CSS, and JavaScript to showcase technical skills and project experience.
- Deployed the website using GitHub Pages, enhancing online visibility and accessibility.

SELECTED SKILLS

Languages: JavaScript, Python, C++, CSS, HTML

Developer Tools: REACT, GitHub, VS Code, Unity, Jupyter Notebook, AWS

CERTIFICATES

AWS Certified AI Practitioner

Certification Number: AI1-C01

Amazon Web Services

September 2024