Alejandro Lopez

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Resume Summary

Meticulous and motivated recent Computer Science graduate eager to join your company to offer superb analytical, technical and product skills to research customer problems and define product specifications to build for the ultimate customer. Previously completed a 2-month certification in product management where I learned and refined my understanding of the product lifecycle. Recently completed a 4-month Data Science Bootcamp with Netflix where I developed industry standard practices in data analysis and completed 3 real world dataset analysis projects.

Work Experience

SENIOR RESIDENTIAL ASSISTANT | ST. EDWARD'S UNIVERSITY | AUGUST 2018 - MAY 2021

- Contributed to and lead weekly meetings with Residential Director and fellow Senior Resident Assistant about community updates and project implementation within the community
- Built connections with team members through effective communication and collaboration on projects by delivering results in a goal-oriented environment
- Presented and led bi-weekly professional development presentations at weekly staff meetings
- Led and guided the training of multiple supervisors
- Gathered and used resident data to make informed product and project decisions.
- Analyzed user feedback and created solutions for resident projects
- Managed a budget of $100 that was used to create and execute creative building projects
- Collaborated with 10+ organizations and offices across campus in cross functional projects.

Projects

MEXIDAO | FEB 2022

- Created a DAO (Decentralized Autonomous Organization) using JavaScript and React on the Ethereum Test Blockchain
- Developed & Utilized NFTS to access the DAO and create proposals
- Developed & Utilized Custom Token PESOETH to award to NFT holders

YOUTUBE CHILDSAFE VIDEOS | DEC 2021

- Developed and led the ideation, and technical development of a ML- model to detect videos from YouTube to determine if they were kid friendly.
- Utilized keras, python and Google Colab to create and develop the model
- Collaborated with Netflix industry professionals to guide and refine our model.
- Model was around 70% effective in detecting videos could be improved with further development and time

WE-GO TRANSPORTATION AS A SERVICE MULTI-CLOUD POC | MAY 2021

- Developed and led the ideation, technical development and launch of an innovative large-scale team SAAS Web project
- Utilized HTTP(S), JavaScript, Python Rest APIs, Python to create a multi-cloud web-based application which allowed customers to order various services from Autonomous vehicles
- Collaborated with Design, Engineering and UI Teams to develop the project
- Used data analysis of metrics and KPIs to break down and make decisions based on data which increased and led to a focus on product optimization
- Used and followed the Software Development Life Cycle. Prepared and executed test plan and test data.

Skills & Abilities

TECHNICAL SKILLS

- Programming Languages/Frameworks: Python, Java, SQL, Django, Pandas, Plotly, Matplotlib,PySpark,Hadoop
- Project Skills: Product Prioritization, Product Roadmap, Project Planning and Development, Agile Framework, Scrum, A/B testing, Mockups/Prototyping, User Testing, Data Analysis.
- Databases Management: MySQL Server
- Design & IDE Tools: PyCharm, Eclipse, IntelliJ, VSCode, JetUML, Trello, Postman, Mural, Pendo, Optimizely, Jupyter Lab/Notebook, Google Colab

Education & Certifications

PRODUCT MANAGEMENT CERTIFICATION | AUG 2021 | PRODUCT SCHOOL
B. S COMPUTER SCIENCE | DEC 2021 | ST. EDWARD'S UNIVERSITY

    Course Highlights: Netflix Data Science Boot Camp, Web Programing