JORDAN RAMIREZ

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U.S Citizen

OBJECTIVE

Innovator, Engineer, and Entrepreneur with strong experience in AWS, embedded systems, data science, and ReactJS looking to expand varied skill set and tackle challenging problems.

EDUCATION

PURDUE UNIVERSITY, WEST LAFAYETTE, IN   DEC 2022

- Computer Engineering
- Focus on Data Science, Embedded Systems, Machine Learning

MAMARONECK HIGH SCHOOL, WESTCHESTER, NY   JUNE 2018

WORK EXPERIENCE

FULL STACK DEVELOPER, JORDANIAN AMERICAN MERCHANDISING   MAY 2022 - NOW

- Developed front end web application with React JS
- Deployed application on AWS infrastructure
- Analyzed system flow, data usage, and work processes with AWS CloudWatch

ENGINEER INTERN, THALES GROUP   MAY 2021 - AUG 2021

- Analyzed, and tested NYC communication-based train control for service deployment
- Worked cross functionally with Siemens in maintaining NYC communication-based train controls
- Integrated ultra-wide band test project on NYC trains, resulting in a streamlined data collection

CHIEF DESIGN OFFICER, PARAGON FLOW CREATIVE   DEC 2019 - JAN 2022

- Lead and manage design initiatives company-wide, including graphic, UI/UX and brand design
- Scaled company by streamlining processes and creating best practices

INFORMATION TECHNOLOGY INTERN, JUMP DESIGN GROUP   MAY 2019 - AUG 2019

- Researched and implemented innovative new intranet system
- Designed and implemented novel documentation control system
- Maintained critical systems and electronics to the highest standards

TECHNICAL EXPERIENCE

MACHINE LEARNING TEAM LEAD, B.I.D.C PURDUE   AUG 2022 - DEC 2022

- Developing predictive Machine Learning IoT Node Network to predict hazardous events
- Designed and implemented machine learning forcasting model for use in embedded system
- Collaborated with cross-functional team to integrate and deploy machine learning model in embedded system

UNDERGRADUATE RESEARCH ASSISTANT, PURDUE SMART CITIES   AUG 2020 - JAN 2021

- Designing systems for deep learning reinforcement for indoor robot navigation
- Gaining experience with big data applications and neural networks with TensorFlow/Keras
- Used the documentation tool, Confluence, to record and share research.

TECHNICAL TEAM MEMBER, ENGINEERS WITHOUT BORDERS   AUG 2018 - MAY 2022

- Design strategies to improve the quality of life for people in developing nations
- Creating innovative solutions to address the water crisis in Colquechaca, Bolivia
- Improving solutions to better respect environmental, cultural, health, and safety issues among various cultures

SKILLS & CERTIFICATIONS

AWS Certified Developer Associate	OSHA 30	ReactJS/Python/Java/SQL/C++
Neural Networks/TensorFlow	Redundant System Design	Interpersonal Communication
Workflow/Process Improvement	Linear Circuit Design	Big Data Analytics