

JORDAN RAMIREZ

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OBJECTIVE

Innovator, Engineer, and Entrepreneur with solid experience in AWS, digital marketing, 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

WORK EXPERIENCE

FULL STACK DEVELOPER II, DATA DELIVERS

MAR 2023 – NOW

- Constructed ETL Data pipeline, utilizing AWS Glue, to process point of sales data for franchised clients.
- Designed and implemented a full-stack web application with payment processing integration.
- Debugged production issues across multiple levels of the stack that improved maintainability over the long term.

FULL STACK DEVELOPER I, JORDANIAN AMERICAN MERCHANDISING

MAY 2022 – AUG 2022

- Developed front end web application with ReactJS and Redux
- Deployed and maintained product CI/CD pipelines on AWS services with GitHub Actions
- Analyzed system flow, data usage, and work processes with AWS CloudWatch

FIELD TEST 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

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 forecasting 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

S3/Glue/Lambda/RestAPI

ReactJS/Python/Java/SQL/C++

Linear Circuit Design

Redundant System Design

Interpersonal Communication

Workflow/Process Improvement

Neural Networks/TensorFlow

Big Data Analytics