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Joel Joseph

EDUCATION

BRIGHAM YOUNG UNIVERSITY

Bachelor of Science in Computer Science

SKILLS

- ***Languages and Tools:*** C, C++, Java, Python, Javascript, Golang, Swift, SwiftUI, VueJS, MongoDB, PyTorch, Numpy, Pandas, Scikit-learn, Git, Docker, Google Cloud Platform, AWS, Flutter, Microservices, Linux

EXPERIENCE

TECHNICAL SPECIALIST, THE CONVENIENT COMPANY DRAPER, UT – 12/18-01/21

- Maintained Company Website using VueJS and Javascript. Created scripts to help streamline order processing.
- Repaired Thousands of Apple Devices and other electronics

RESEARCH ASSISTANT, BRIGHAM YOUNG UNIVERSITY PROVO, UT – 05/22-08/22

- Worked with professor in designing research projects.
- Collaborated with other researchers, to share knowledge and complete projects.

FULLSTACK DEVELOPER, STUTOR   LEHI, UT – 07/21-11/22

- Built DevOps framework for API testing
- Managed Backend Services, Worked with Typescript and NodeJS

AI APPLICATION ENGINEER, PASSIVELOGIC SALT LAKE CITY, UT – 03/23-PRESENT

- Worked on tool to help create digital twins for micro climate simulation
- Worked directly with physics based AI models

VOLUNTEER EXPERIENCE

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS   MIAMI, FL 09/18-08/20

- Served weekly at food drives to help create boxes for the needy and homeless.
- Trained new volunteers on volunteering protocols, increasing overall confidence.

PROJECTS

CANCER DETECTOR

- Built a Deep Neural Network that identifies cancerous cells in medical scans.
- Used a Deep Convolution Network and PyTorch to train the model

POKEMON

- Created Pokemon and simulated battles with their types, strength & weaknesses
- Used C++, GCC and MAKEFILE

OLYMPSIS

- Built a platform where athletes can meet together and plan sport activities.
- Used Golang to build micro-services REST API. Used SwiftUI for the client.

Github: https://github.com/josephjoeljo **LinkedIn**: https://www.linkedin.com/in/joel-j-52261a101/