JORDAN NGUYEN

Infrastructure Engineer | Software Engineer

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Amarillo, TX

EDUCATION

West Texas A&M University, Canyon TX

Bachelor's Degree in Computer Science
Graduation Date : December 2025

PROJECTS

Production IODF

Visa (2025)

- Utilized HCD to create IODF for the creation and configuration of logical systems running on z/OS systems
- Configured and deployed configuration IODF using HCD, ensuring error free runtime
- Presented project to Visa Hardware Team showcasing analytical thinking and knowledge on different devices and channels

PuppyPi

Capstone Project (2024-2025)

- Bipedal robot able to traverse terrain and detect objects
- Built low level movement using Python and Adafruit libraries
- Developed OS using ROS ecosystem and Python
- Followed the Agile Methodology to develop product

Full Stack Web Portfolio

Personal Project (2025-Present)

- An web-based portfolio to present personal information and projects
- Built front end responsive web pages using HTML, CSS, and Javascript for styling and aesthetics
- Built back end using Flask to route web pages

PROFESSIONAL EXPERIENCE

System Hardware Engineer Intern

Visa Inc. | Denver, CO | May 2025 - Present

- Developed production configuration files for mainframe systems through HCD
- Assisted in IP assignments for peripheral devices through Visa Ask Now
- Analyzed and patched DASD connections for ITDR through HMC
- Analyzed throughput data of mainframe CPU through Excel and Tableau to determine peak season transaction rates
- Collaborated with team to organize setup for system refreshes and expansions

Undergraduate Research Assistant

West Texas A&M University | Canyon, TX | July 2024 - August 2024

- Assisted in the research of Light Fidelity products from pureLiFi and Signify. Research included testing transfer speeds and reliability.
- Tested physical limitations of transceivers
- Analyzed data transfer speeds using WireShark

SKILLS

- Mainframe
  - ISPF Navigation
  - HMC
  - HCD
  - COBOL
  - JCL
- Operating Systems
  - z/OS
  - Linux/UNIX
- Programming Languages
  - Java
  - JavaScript
  - Python
- Web Technologies
  - HTML
  - CSS
  - Flask
- Tools & Platforms
  - AWS(EC2, S3, RDS)
  - Git
  - VS Code
- Databases
  - MySQL

INTEREST

- Full stack development
- AI integrated financial services
- Cloud computing
- Mainframe automations
- Data analytics
- Playing and performing piano