Jorge Espana

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Education

California State University, Los Angeles
B.A. in Computer Science   August 2024

Skills

- C# / .NET Framework
- LaTeX
- Agile / Jira
- Java Spring / Spring Boot
- MySql / NoSql
- Docker
- Git
- Apache Cassandra
- Bilingual English / Spanish

Work Experience

Farmers Insurance Woodland Hills, CA   May 2023 - August 2023
Software Engineer Intern

- Developed unit tests for Guide-Wire applications using the Gosu programming language
- Investigated with a team to identify the emerging risks posed by the emergence of AI software in the industry
- Git/GitHub ensured project integrity and collaborative project development

Electronic Arts (Video Game Software), Redwood Shores, CA   May 2022 - November 2022
Software Engineer Intern

- Engineered a large-scale web-based product using Java Spring and deployed using Kubernetes
- Developed the back-end Apache Cassandra database for project data persistence
- Designed and implemented RESTful API endpoints with full CRUD operations for external consumption
- Employed Jira for project management and GitLab for version control

Prime Diagnostics Laboratory (Clinical Laboratory), Valencia, CA   January 2021 - May 2022
IT / Medical Courier / Lab Technician

- Transported medical specimens between clinics and the laboratory
- Accessioned all requisitions into the database, and organized the patients' medical and billing information
- Used training and patient information to diagnose necessary tests for specimens

Gamestop (Game Store), Valencia, CA   October 2018 - June 2021
Key Carrier / Shift Lead

- Managed seasonal employees and trained new-hires
- Performed live shrink adjustments and kept perpetual stock of inventory
- Opened and closed the store, managing money and auditing the safe daily

Project Experience

Personal Server Home   September 2022 - Present
Server Admin
Implemented Docker for managing and deploying containerized applications:

- **Minecraft Bungeecord server**: Configured and deployed Minecraft server networks for 30 active users
- **Media server**: Set up and maintained a media server using Jellyfin for media streaming.
- **Discord bot**: Developed a Discord bot for personal server management and YouTube streaming - written in JavaScript.
- **Online Deployment**: Deployed all endpoints using Nginx Proxy Manager, linked to personal domain and subdomains, with SSL certificates provided by Let's Encrypt.

Scholarship

- STEM Advantage Scholar - Scholarship for students in STEM   August 2021 - August 2024