

# Jorge Espana

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## Education

**California State University, Los Angeles**

B.A. in Computer Science

August 2024

## Skills

- C# / .NET Framework
- Java Spring / Spring Boot
- Git
- $\LaTeX$
- MySQL / NoSql
- Apache Cassandra
- Agile / Jira
- Docker
- 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