

Alfonso Navarro

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PROJECTS

Rotten Bloom [\[Click here\]](#)

- Configured a Jenkins CI/CD pipeline to automatically deploy builds and publish status reports, integrating continuous delivery into the team's daily workflow.
- Implemented the core ability system using Unreal Engine's GAS, a large-scale C++ framework managing complex state, attribute pipelines, and event-driven effects.

Unreal Engine, C++, Jenkins, Perforce.

Currency Exchange Simulator [\[Click here\]](#)

- Designed a CLI order book simulator in C++ that parses real market CSV data and computes per-asset price statistics across bid/ask entries.

C++, Git.

A Cruel Angel Thesis [\[Click here\]](#)

- Designed a modular dialogue system supporting 12+ characters with branching logic and per-character symptom scoring for psychological screening research.
- Piped structured player choice data into expert-scored PowerBI reports, bridging software behavior and clinical data analysis.

Unity, C#, PowerBI, Git, Twine, Lucidchart.

EXPERIENCE

Language Quality Assurance (Mexican Spanish) | *Side International Japan*

- Designed and built an employee onboarding system in JavaScript and Excel, reducing team integration time by 13%.
- Automated Excel data modification tasks via scripting, reducing manual workload by 25%.
- Collaborated within a multilingual QA team across Japan-based pipelines, maintaining strict delivery and quality standards.

Jan. 2025 - June 2025

Tokyo, Japan

Fullstack Developer | *PuraVida*

- Designed and developed a C#/PostgreSQL system to manage the complete return cycle of reusable containers, replacing manual tracking with a centralized database.
- I contributed to a 15% reduction in material waste by replacing judgment-based decisions with real-time visibility into the lifecycle and wear of the containers.

Mar. 2023 – Present

*Caracas, Venezuela
(Remote)*

Chatbot Developer Intern | *Synergy Vision*

- Built a Node.js webhook server handling DialogFlow fulfillment requests — managing context switching, conditional logic, and API calls — deployed via AWS Lambda with Firebase session persistence.
- Designed 25+ conversation flow diagrams across 5 HR calculation modules and implemented them end-to-end in DialogFlow with custom training phrases and rich text responses.

Feb. 2021 - June 2021

Caracas, Venezuela

EDUCATION

Master's in Video Game Development | *Universidad Complutense de Madrid*

Expected Sept. 2026

Madrid, Spain

Bachelors in Software Engineering | *Universidad Católica Andrés Bello*

June 2023

Caracas, Venezuela

SKILLS

Languages: C++, C#, JavaScript, Python, NodeJS, HTML, CSS.

Tools & CI/CD: Jenkins, Git, Perforce, CMake, PowerBI, Lucidchart.

Language Skills: Native Spanish (C2), Fluent English (C1), Intermediate Japanese (N3).