

Angel Vaquera Jr.

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SUMMARY

Game developer finishing a B.S. in Computer Science (senior standing) at Purdue University Northwest, with experience building Roblox multiplayer games in Lua/Luau, wiring AI tooling via MCP servers, and implementing custom physics and netcode. Open to game developer, simulation engineer, and interactive systems roles.

EDUCATION

B.S. Computer Science (senior standing) — Purdue University Northwest, Hammond IN
A.S. Software Development — Cum Laude, National Honors — Ivy Tech Community College | May 2024

CERTIFICATIONS & HONORS

- AWS Cloud Foundations Certified (2023)
- Kappa Beta Delta Honor Society — academic excellence and leadership

SKILLS

Game Dev: Lua, Luau, Roblox Studio, Rojo, game physics

AI Tooling: MCP server integration, TypeScript, AI-assisted game development

Languages: Lua, TypeScript, Python, JavaScript

Frameworks: Node.js, Next.js, React

Tools: Git, Roblox Studio, VS Code

PROJECTS

Tournament of Power
Lua, Roblox Studio, MCP Server, TypeScript

- Live Roblox multiplayer game with MCP server enabling AI tooling in-engine
- Custom Lua game mechanics with multiplayer state management and event systems

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Wombo Combo
Roblox Studio, Luau, Rojo, Game physics

- In-development frame-data platform fighter with custom physics for wavedash/DI/knockback
- Authoritative client/server netcode keeping combat state consistent for 60fps feel

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WORK EXPERIENCE

Data Entry Specialist — Alverno Healthcare, Hammond IN
September 2024 – Present

- Input and manage laboratory data with high accuracy in a clinical environment
- Collaborate with cross-functional teams to ensure data integrity and timely reporting

Shopper — Instacart / Shipt, Highland IN
2021 – Present

- Achieved 98% customer satisfaction rate fulfilling orders under tight deadlines