Erick Gonzalez Parada

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Summary

I'm a software developer with expertise in full-stack development (both web and desktop). I love making my software available on all operating system platforms and have an interest in cybersecurity. Passionate about Linux, competitive programming, and chess. Currently a student at UDLAP (Universidad de las Américas Puebla), set to graduate in 2026.

Projects

Courses Academy Video Platform (Full-Stack)

- Developed a platform where users can view courses created by administrators. Admins can add videos and manage other admins.

- Implemented CI/CD practices using Git and GitHub to improve efficiency, reducing bugs and delivery times.

- Designed user authentication flows on the frontend using JWT (e.g., login, signup, token storage, and renewal).

- Fully developed backend in JavaScript to avoid third-party services, allowing self-hosting and improved testability.

Fully Distributed GUI Application "idealCalculator" (Raylib)

- Developed *idealCalculator*, a cross-platform numerical integration tool using C and Raylib.

- Implemented the Composite Trapezoidal and Midpoint Rules with seamless compatibility across Windows, macOS, and Linux.

Education

Universidad de las Américas Puebla (UDLAP)
Computer Systems Engineering
Recognition: Interim Board of Computer Systems Engineering; Event Coordinator
Cholula, Mexico — Graduate May 2026

Additional Skills

- **Languages:** Spanish (native), English (100%), German (70%)

- **Programming:** C/C++, Rust, Golang, Java, JavaScript/TypeScript, HTML/CSS, SQL, Bash & Batch

- **Technologies:** Linux, GitHub, CI/CD, Web Development

- **Profiles:** GitHub, Web Portfolio