GRECIA OCANDO

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EDUCATION

University of Florida Gainesville, FL

Bachelor of Science in Computer Science *Expected May 2026*

Courses: Data Structures, Software Engineering, Database Systems, Operating Systems, Cyber-Physical System Security

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, SQL, HTML/CSS, Matlab

Frameworks & Tools: React, Express.js, TypeScript, MongoDB, Git/GitHub, WordPress

Other: SolidWorks, REST APIs (JWT Auth)

Languages Spoken: Spanish (native), English (fluent), French (intermediate)

EXPERIENCE

Teaching Assistant - CIS 4301: Information and Database Systems May 2025 – Present

University of Florida *Gainesville, FL*

− Taught SQL and database design concepts through individualized instruction to 15+ students and weekly office hours.
− Provided guidance by clarifying requirements and debugging issues.
− Proctored exams and enforced academic integrity policies to ensure fair assessment.

Internship - Front-End Developer May 2025 - Aug 2025

Safeguard & Associates *Remote*

− Redesigned WordPress pages for improved usability and visual appeal.
− Maintained site reliability by keeping company information and events current.

Insurance Agent - Life, Health, Property, & Casualty May 2022 – Present

Ocando & Tiniacos Insurance *Orlando, FL*

− Built and managed a portfolio of 30+ clients, customizing over 20 insurance plans to meet individual needs.
− Strengthened client trust and retention through effective communication and a consistent follow-up schedule.

PROJECTS

Chamber of Secrets | *Rust, AES-256-GCM, Argon2id* Ongoing

− Developing a CLI tool that encrypts and decrypts files with AES-256-GCM and Argon2id key derivation.
− Implemented dual passphrase protection that generates a realistic decoy payload to mislead unauthorized users.

The Gamer Journal | *MEAN Stack* | GitHub

− Contributed to a full-stack journaling platform that allows gamers to reflect on gameplay and support mental health.
− Developed backend using Express.js and MongoDB, integrating sentiment analysis and routing API calls.
− Implemented JSON Web Tokens (JWT) for secure user authentication and authorization.
− Collaborated in a two-weekly Scrum workflow, conducting stand-ups and sprint planning to deliver incremental features on schedule.

littleC | *C++* | GitHub

− Built a custom lexer and recursive descent parser to tokenize, validate, and execute user-defined programs.
− Collaborated on the design of a C-style interpreter evaluating tree-based memory models.
− Visualized runtime performance using Chart.js and automated builds/tests with Makefiles.

Personal Portfolio | *React, TypeScript, Vite, Tailwind* | GitHub

− Built a responsive single-page portfolio with a custom canvas starfield, magnetic buttons, and scroll-driven UI.
− Deployed via GitHub Pages and configured a custom domain using Cloudflare (A/CNAME).