

# Sergio Gonzalez-Garcia

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**Github:** <https://github.com//sergiogonzalezyes>

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As an aspiring software developer, I bring a blend of passion for technology and a commitment to continuous learning. My goal is to leverage my growing technical skills and creative problem-solving abilities in a challenging software development role. This position will enable me to contribute meaningfully to innovative projects and advance my career in the technology sector.

## EDUCATION

*Bachelor of Science in Computer Information Systems*

Cullen College of Engineering, University of Houston; Houston, Texas (2023 Graduate)

## WORK HISTORY

**Lancium, Houston, TX**

***Software Developer Intern (May 2023 – Aug. 2023)***

- Developed an internal application with a user interface for the existing database utilizing Python, SQLAlchemy, PostgreSQL, and Streamlit, enhancing accessibility and operational efficiency.
- Actively participated in Agile SCRUM meetings and utilized GitLab for version control.
- Focused on quality and iterative development, receiving positive feedback from department leaders for the application presentation.

***Information Technology Intern (Aug. 2023 – Dec. 2023)***

- Transitioned to an Information Technology Intern, expanding my role to include network infrastructure and cybersecurity.
- Contributed to the further development of the internal tool for enhanced reporting capabilities while also supporting company-wide cybersecurity compliance and user access management for internal audits.
- Gained practical experience in server setup and virtual machine configuration.

## RELATED PROJECTS

**Property Management System (Project Lead) | Jan. 2022 – Nov. 2022**

- Collaborated with a cross-functional team of 8 members to analyze complex constraints within a real estate database system and developed innovative solutions using Microsoft SQL Server to improve the efficiency and functionality of the information system.

**Barber Scheduling System (Project Lead) | Aug. 2023 – Nov. 2023**

- Led a team of 6 in the development of a custom barber scheduling system, focusing on project management and team coordination.
- Utilized Flask and SQLAlchemy for backend, and implemented Vue.js with Vuetify for the frontend, integrating a MySQL database for streamlined appointment management.

**Relevant Courses: Database Management | Information Systems Application Development | Information Analysis & Design | Database Administration & Development | Enterprise Applications Development | Project Management**

## TECHNICAL SKILLS

Python, SQL, Flask, JavaScript, HTML, CSS, Tailwind CSS, Vue.js, MongoDB, SCRUM, Agile Methodology, Git Version Control, AWS RDS, Database Design, Full-Stack Development