Angel Gael Garcia Rangel

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EDUCATION

Tecnológico de Monterrey   Graduating in June 2025
Bachelor's Degree in Computer Science and Technology

Key Coursework: Programming of Data Structures and Fundamental Algorithms, Software Construction and Decision Making, Device Interconnection, Object-Oriented Programming and Modeling of Engineering with Computational Mathematics.

EXPERIENCE

Google LLC   Austin, Texas
Incoming Software Developer Intern   June 2024 - September 2024

Google LLC   Mountain View, California
STEP Intern, Search Site Reliability Team   June 2023 - September 2023

- Applied the core principle of Site Reliability Engineering to build Google real time logging and monitoring system.
- Implemented real-time metrics to extract Google Search App versions that were released within the last 60 days.
- Built two real-time dashboards to monitor Google Search App SLO filtered by recent releases.
- Increased the accuracy of Google Search App SLO by 1%.

Laiboyan Innovation and Technology   Monterrey, Nuevo León, México
Software Developer Intern   August 2022 - March 2023

- Developed and implemented automated solutions for virtual machines in Microsoft Azure using C#.
- Maintained up-to-date knowledge of Cloud Computing and the APIs used by Microsoft Azure, applying this knowledge to continuously improve and optimize virtual machine performance and management.

MAJOR PROJECTS

Real-Time Communication app for Deaf Individuals and Doctors   September - December 2023
                                                                                School project

- *Created an iOS app fostering real-time communication between deaf individuals and healthcare professionals. Integrated Swift, SwiftUI, and React Node for a feature-rich chat system, utilizing speech-to-text and text-to-speech functionalities. Demonstrates a dedication to leveraging technology for inclusive healthcare communication.*

Interactive Quiz Maker for Atos   January - June 2023
                                                                                School project

- *Developed a dynamic CRUD web app for an academic project at Atos, empowering educators to create educational quizzes transformed into mini-games. Utilized C#, ASP.NET Core, and Unity for an interactive learning experience.*

LEADERSHIP AND ACHIEVEMENTS

Organizer of Swift Club   Present
- Facilitated engaging workshops to guide students in preparing for the 2024 Swift Student Challenge.

Organizer of Algorithm Club (ACM Monterrey)   August - December 2022
- Organized the Algorithm Club of my university, which is integrated by almost 100 students, offers at least two sessions per week and is part of The Association for Computing Machinery (ACM) Monterrey.

SKILLS

PROGRAMMING LANGUAGES

Proficiency:	C++, Python
Intermediate:	Swift, Javascript, C#
Basic:	Go, R, Matlab, Racket

TECHNOLOGIES
SwiftUI, React, Node, Mongo, Express, Github, Git, SQL, Django, ASP .NET CORE, HTML, CSS, Bootstrap, Unity, Figma, Trello.

AWARDS AND PARTICIPATIONS

Participation in the International Collegiate Programming Contest *ICPC* Training Camp (2023)
Participation on hackathon "HackMty" (2022)
Participation on the International Science Competition by Tecnológico de Monterrey in the Computation area (2020)