

# Fabián Eduardo Cruz Amador

Software Engineer

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## Experience

Software Engineer Intern | NEORIS

Remote, June 2021 - Present

- Software **proposal, estimation, development** and **support** for clients using requirements-based methodologies.
- Developed **API services** that are part of a bank system workflow and supported them.
- Accomplished Java Spring Boot and software design training.
- Worked on projects with technologies such as **HTML, CSS, JavaScript, Java Spring Boot, .NET, SQL, and GIT**.

## Personal projects

All of my projects (+40) available on my [GitHub](#) profile

**Ticket Manager REST API** | [Java](#), [Spring](#), [Spring Boot](#), [MySQL](#), [SonarQube](#), [Git](#) [↗](#)

- Spring application based on a ticket work system. Handles HTTP requests for creating, editing, and getting tickets. Allowed me to get a clearer understanding of **design patterns, dependency injection** and other important concepts.

**Image Analysis** | [Java \(Android Studio\)](#), [Azure Cognitive Services](#), [Firebase](#), [Git](#) [↗](#)

- Android application with users management using **Firebase Auth** and camera functions. The picture taken in the application is analyzed using **Azure Services** and returns to the user the main object in the photograph and its percentage of confidence about the analysis.

**NASA Space Apps Challenge Participation** | [HTML](#), [CSS](#), [JavaScript](#), [Git](#) [↗](#)

- Web videogame where you lead a crew of astronauts on a trip to Mars. This was a team project, my contribution consisted in: design and development of the game interfaces using web design tools (**HTML, CSS and JS**), the communication of the game information with the components of the interfaces and core functionalities.

**Computer Science Blog** | [HTML](#), [CSS](#), [Markdown](#), [Jekyll](#), [Git](#) [↗](#) [↗](#)

- Personal blog where I document significant principles related to **computer science** and **software development** including Object-Oriented Programming, Data Structures, SOLID Principles and more.

**Websites and Designs** | [HTML](#), [CSS](#), [JavaScript](#), [Firebase](#), [Git](#) [↗](#) [↗](#) [↗](#)

- Some web pages where I practiced and improved skills (HTML, CSS and JavaScript) making responsive websites.

## Skills

### Programming Languages

#### Proeficent

- JavaScript
- Java

#### Familiar

- Kotlin
- C# (.NET)

### Technologies

- HTML
- CSS
- NodeJS
- Spring Boot
- Microservices
- JQuery
- Angular
- Bootstrap
- Git / GitHub
- SubVersion (SVN)

### Databases

- MySQL
- SQLServer
- Firebase

## Education

Graduating in December 2023

**Software Technology Engineering, B.S.** | Universidad Autónoma de Nuevo León

Nuevo León, México

**Led academic projects** from design to development and testing, such as websites and mobile apps, available in my portfolio.

**Relevant Courses:** Fundamentals of programming, Data structures and algorithms, Artificial Intelligence (IA).

## Courses and Certificates

All of my certificates available on my [LinkedIn](#) profile and [portfolio](#)

- Problem Solving (Basic) | HackerRank [↗](#)
- Java Certificate (Intermediate) | NEORIS | Sololearn [↗](#) [↗](#)
- Software Project Development Methodology | NEORIS [↗](#)
- Secure Coding Pactices | NEORIS [↗](#)
- SQL Certificate (Basic) | HackerRank | Sololearn [↗](#) [↗](#)
- 2021 Space Apps Challenge Participation | NASA [↗](#)
- Web Development | Universidad Autónoma de Nuevo León [↗](#)
- Android Programming | Universidad Autónoma de Nuevo León [↗](#)