

WHO AM I?

I am a computer science student, currently enrolled in my 5th semester in Tec de Monterrey. My experience and enthusiasm have granted me recognition between my peers and an academic talent scholarship.

CONTACT INFORMATION

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Mexico City, Mexico



PROGRAMMING LANGUAGES

1. Java
2. Python
3. SQL
4. C
5. Typescript
6. Clojure

JUAN SEBASTIÁN RODRÍGUEZ GALARZA

EDUCATION

B.S. Computer Science and Technology

August 2018 - June 2022 (expected)

- Currently coursing my 5th semester, but I will be on my 7th next semester because I have been advancing subjects.
- Relevant courses: Oriented-Object Programming, Interactive Design Fundamentals, Computational Mathematics, Data Structures, Databases, Operating Systems, Advance Programming (currently).
- **Average: 95/100 | GPA: 3.8**

PROJECTS

React prototype for ALVAP store | 2020

Prototype designed with React for the frontend and with the implementation of MySQL for the backend.

- Frontend developed with **React** and **Typescript** for custom styled elements and better readability.
- Backend implements an **SQL** database.
- Hosted on a Heruko server.

Top down view 2D videogame | 2020

Top down shooter with 2 levels, enemies and characters.

- Implemented a character selection, level selection and save & load functionality.
- Implemented A* pathfinding to determine the movement of enemies and implemented an FSM for the bosses' behavior.
- Developed in **Unity** and **C#**

Mobile app prototype | 2019

Website and app-prototype, that saves data locally, to simulate the interaction and functionality of a real startup device called Knocki.

- I leaded a team in order to develop an appealing and unique design interface and, thanks to many beta tests, we made it easy to understand and simple to use.
- Developed in **HTML5** and **CSS3**, functionality implemented with **JavaScript**

HONORS AND AWARDS

Academic-Talent scholarship | Tec de Monterrey

- Received for my high school's distinctions and my above average grade in my entrance examination

2nd Place in regional science competition | ExpoCiencias, 2018

- Leaded a team in order to create a clean energy prototype generator that take advantage of the electromagnetic and piezoelectric phenomena.
- We presented in front of judges and attended and regional Expo, where we were awarded the 2nd place in the sustainable energy category

SOFT SKILLS



Leadership and negotiation

Communication (oral and written)

Solving problem and analytic skills

Teamwork