

# José Rodrigo Saucedo Cruz

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## Education

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Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) GPA: 92/100  
Bachelor in Computer Science Aug-2019 -- Jun-2023 (Expected)  
Relevant completed courses: OOP, Data Structures, IoT, Mathematical modeling, Computational thinking, Statistics modeling.

High school, Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) GPA: 89/100  
Bi-cultural High school Aug-2016 -- May-2019

## Projects

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**Friendship Lamp** Dec-2020 -- Present  
I created my own 3D printed version of a friendship lamp for my girlfriend and I. Using Arduino, MQTT Protocol, AWS Virtual Machine

**Feedback Web App** Feb-2021 -- Apr-2021  
Collaborated in the development of a Web App so people of the same organization can send a question, feedback, congratulation, etc. Using HTML, CSS, Adobe XD, JS, NodeJS, Express, Sequelize, and MySQL

**IoT Pasele Pasele** Nov-2020 -- Dec-2020  
Developed an IoT solution that captures the number of people and the time they entered an establishment, to later analyze and present the collected information on a web page. Using Arduino, HTML, CSS, JS, Firebase

**Snakes and Ladders** Jun-2020  
Developed a console version of the board game Snakes and Ladders Using OOP C++

## Extracurricular

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**ICPC Competition** Oct-2020 -- Dec-2020  
Competitive programming competition. Using C++

**AI Gaming** Oct-2020  
Participant of AI Gaming competition where we developed AI for a match game. Using Python and Azure API

**First Robotics Competition (FRC)** Aug-2016 -- Present  
Alumni and actual programming mentor of team 3480 ABTOMAT of 50+ members Java  
Engineering leader and chief programmer of the team during 2018 and 2019  
Won autonomous award in 2019

**Gave Programming Courses to Public Schools** Aug-2017 -- May-2019  
With the help of the local government I gave programming courses to 100+ students about Abilix for WER competition

**Robotics Congress** Sep-2018 -- Sep-2019  
Organizer and speaker of the 2 editions of the event where more than 70 local schools and more than 180 teachers participated each year, I trained them in programming topics so they could teach their students.

## Skills

## Extra

- C++, Arduino, JS, Python, Java, HTML, CSS
- NodeJS, Express, Sequelize, MySQL, AWS, Azure
- Spanish (Native), English(B2)
- I like to run or go to the gym
- Member of the algorithms club
- Pursuing the creation of a student society