

# Rodrigo Terán Hernández

Software Engineer / Computer Science Student

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## EDUCATION

**Tecnológico de Monterrey** - *B. S. in Computer Science and Technology*

Expected graduation: June 2025

GPA: 99.22 / 100

Courses:

- 3 Day Robotics at the Kennedy Space Center. **C++ at NASA**
- Engineering session of the steam program. **Leadership at NASA**

## EXPERIENCE

**Microsoft** - *Explore Intern (SWE + PM)*

June 2023 - Present

C#, TypeScript

- Implementing a new feature to make the **boot faster** in Word Web.
- Experience as a **product manager** by conducting specs and user feedback reviews.
- Using **data analytics** tools to measure Word Web **performance**.

**Evolutel** - *Junior Software Engineer*

October 2022 - Present

ReactJs, PostgreSQL, MongoDB

- Developing from scratch a general purpose CRM web application.
- I am **managing the entire frontend** application architecture.
- Currently **creating a feature** to enable the creation of follow-ups for clients.

**Meta** - *Meta University Web Developer Intern*

June 2022 - August 2022

ReactJs, PostgreSQL, MongoDB, Bots, Google Cloud

- I developed **Teamplace**, a tool to allow communication between companies and their clients.
- The working environment covers everything teams need: calendars, chats, media-sharing, canvas, etc.
- It has accessibility **bots** to boost productivity when not available.

**Bimas SC** - *Web developer*

February 2022 - March 2022

ReactJs, NextJs, Google Cloud, MongoDB

- I implemented a file system solution to manage sensitive information of the company's clients.
- Over **200 documents** are being managed by the software.
- The company has saved the equivalent of **6 Google Drive expense** accounts thanks to the software.

**Dessilum** - *Web developer*

September 2021 - November 2021

ReactJs, NextJs, Stripe, Websockets

- I created an **ECommerce** web platform for a Mexican company.
- The platform manages notifications, offers, and chats in real time with Sockets.
- The platform is **fully customizable** by the owners, so they can **change any product at any time**.

**Leadsales** - *Frontend Software Engineering Intern*

June 2021 - August 2021

ReactJs, Firebase

- I implemented over **10 new features** to the CRM tool using React Js.
- I refactored calls to our API, which **removed 6 bugs**, by optimizing **algorithm complexity**.
- I worked in the frontend implementation of a follow-up notification to manage clients.

## PROJECTS

**Dog Finder** - *Full stack AI platform*

June 2021

- I created a web platform that helps to find lost pets with **Artificial Intelligence**.

**Dark Programming Language** - *A new programming language*

March 2021

- I developed Dark, a **new programming language** that can be used from the browser.

## SKILLS

- Languages: TypeScript, JavaScript, Python, C++, SQL, NoSQL, MATLAB.
- Technologies: Firebase, Git, AWS, Google Cloud, Blender, Arduino, Figma.

## EXTRACURRICULARS AND AWARDS

- 1° national Physics Tournament (2017) and (2018)
- 3° national Mathematics Olympiad (2017)
- President of the entrepreneurship ENACTUS organization in my college. (2021 - present)
- I participated in the creation of a Hackathon, Hackatec 2021. (82 participants)