

Rodrigo Terán Hernández

Software Engineer



[Personal Website](#)



[Blog](#)



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EDUCATION

Tecnológico de Monterrey (ITESM)

Aug. 2021 - June 2025

B. S. in Computer Science and Technology

GPA: 97.4 / 100

Relevant Courses: Web Software Construction (JavaScript), Maths and Data Science (Python), OOP (C++), Security in Software Systems (Swift and Python), Algorithms and Data Structures I and II (C++)

EXPERIENCE

Microsoft - Software Engineer Intern

Aug. 2024 - Present

TypeScript

- Developing an **accessible feature** to Word Web when some features are disabled by implementing tooltips for users.
- Leading the discussion of a bug when an image gets clipped when shifting views in the page layout.
- Fixing and **monitoring** multiple bugs in the Word Web app by **measuring crashes** and performance anomalies.

Google - Software Engineer Intern

June 2024 - Aug. 2024

Golang, Spinner

- Implemented server side **environment variables** for Firebase App Hosting.
- Collaborated with 2 engineering teams and interacted from the database to the API's.
- Involved in **product management** to decide the best implementation and its significance for the customers.

Microsoft - Explore Intern (SWE + PM)

June 2023 - Sept. 2023

C#, TypeScript, Kusto

- Managed to make the **boot faster** in Word Web by **2 seconds** in the 95th percentile.
- Experience as a **product manager** by conducting specs and user feedback reviews.
- Used **data analytics** tools to measure Word Web **performance**.

Evolutel - Software Engineer

Oct. 2022 - Present

ReactJs, PostgreSQL, MongoDB

- **Leading** the entire frontend engineering team of a real estate services app.
- Involved in **product management** of 2 sub companies spanning CRM and SaaS products.
- Implemented accessible tools, geographical graphics and security systems.

Meta - Meta University Web Intern

June 2022 - Aug. 2022

ReactJs, PostgreSQL, MongoDB, Bots, Google Cloud

- 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

Feb. 2022 - March 2022

ReactJs, NextJs, Google Cloud, MongoDB

- 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.

Leadsales - Software Engineer Intern

June 2021 - Aug. 2021

ReactJs, Firebase

- Implemented over **10 new features** to the CRM tool using ReactJs.
- Refactored calls to our API, which **removed 6 bugs**, by optimizing **algorithm complexity**.
- Worked in the frontend implementation of a follow-up notification to manage clients.

PERSONAL PROJECTS

YouTube Channel

July 2024 - Present

- Teaching about internships, technology, entrepreneurship and leadership.

Dark Programming Language

March 2021

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

SKILLS

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