

Fernando López Ramírez

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EDUCATION

TEC DE MONTERREY

BS IN ROBOTICS ENGINEERING

Grad. Jun 2023 | Puebla, Mexico

GPA: 3.72

LINKS

Facebook:// [fercho.lopzz](#)

Github:// [Fernando74lr](#)

LinkedIn:// [fernando-lopez-ramirez](#)

Twitter:// [@Fernando_74_lr](#)

SKILLS

PROGRAMMING

Languages:

- Python •JavaScript

Framework and Library:

- React JS •Django

Databases:

- MySQL •Firebase

Technologies:

- Redux •Node JS •GCP

- HTML5 •CSS3

Tools:

- Git •GitHub •Linux

PERSONAL

- Creative spirit •Good leadership
- Reliable •Professional
- Good organization •Motivator
- Time management •Quick learner

PROJECTS

- Vision Tracking Drone
- Teleoperative Assistant Robot
Controlled By Armband
- Spotify Statistics
- Health Diagnostic Survey

EXPERIENCE

2 YEARS

LABOPAT DIAGNOSTICS | FULL STACK WEB DEVELOPER

Dec 2020 - Present | Puebla, MX

- Used JavaScript, React and Firebase to develop over 11 efficient, scalable and maintainable intern web applications according to business objectives.
- Implemented APIs for main platforms using Node JS and GCP.
- Optimized over 90% of data management performance by implementing strategies with Redux technology.
- Automated laboratory reports data collection by implementing Data Science with Python, Pandas and Numpy.

NIMBUS | FULL STACK WEB DEVELOPER

Jul 2020 - Dec 2021 | Puebla, MX

- Used JavaScript, React, Django, SQL and HTML to develop app-solutions.
- Maintained 2 complex web applications infrastructure and collaborated with a versatile team to implement new features by using a strategically plan.

MECATRONIKS | VIDEO GAME DEVELOPMENT INSTRUCTOR

May 2019 - Jul 2019 | Nuevo León, MX

- Develop team communication and information in 4 groups at the same time for the creation of video games creating new learning strategies for children.
- Reduced times to meet deadlines according schedule by using coordination and planning skills.

KIMETRICS | INTERN ANDROID TESTER

May 2018 - Aug 2018 | Puebla, MX

- Found important and specific bugs over 3 different Android applications by testing multiple possible combinations.
- Increased 80% of customer satisfaction by resolving issues in short time.

RESEARCH

BUAP | RESEARCHER AND PROGRAMMER

Jan 2020 - Jun 2020 | Puebla, MX

Worked with **Dr. Claudia Arellano Ramirez** in the creation of a platform to survey a community of students and community of teachers for the analysis of work and study performance due to the pandemic. This tool learns from the feedback of the scores and returns a possible diagnosis.

ACHIEVEMENTS

PERSONAL

2021 Started tech startup called "Datagram" for tech solutions.

COMPETITIVE PROGRAMMING

2022 1st/4 Winner Hackathon Audi Mexico, Audi.

2022 1st/15 Winner Expo-Engineering, Tec de Monterrey.

2019 Participant Space Apps Hackathon, NASA and GitHub.

ACADEMICS

2022 Recognition Best GPAs of the semester (3.84).

2020 Recognition Best GPAs of the semester (3.83).

2020 7st/10 Finalist in short story writing contest.