

Manuel Mares

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 in linkedin

Experience

SWE Intern at Google Cloud

Google

California, US
May 2024 - August 2024

- Build dashboard to analyze errors in Network Allocation.
- Implemented flow allocation error detection pipeline.
- Proposed and implemented metrics to evaluate network congestion.

Research Assistantship at NMSU

New Mexico State University

New Mexico, US
May 2022 - May 2025

- Working in a federally funded project researching Smart Grids aimed to help establish a communication protocol for resilience of the grid.
- Collaborated on the development of a safe protocol for blockchain communication

Technologies

2+ years of experience: *Python, Pandas, Numpy, Sklearn, Pytorch, Matplotlib*

2+ years of experience: *Java, Js, SQL Databases, ReactJs, API, Typescript*

1+ year of experience: *C#, C++, Chrome extensions*

Education

Masters in Computer Science

New Mexico State University

Google Tech-Exchange Program

Google

Bachelors of Mechanical Engineering

Universidad Veracruzana

Project

ICCC Website

[Website](#) 

ReactJs, Tailwind, React-routing, Firebase

- Official website for the ICCC club at NMSU.
- Provides users, non-SQL DB, file management system, email response system.

Meets Participant's Manager

[Landing page](#) 

Chrome extension MV3, Js, html, css

- Extension for professors in Google meets. Uses local storage, modifies the interface, and produces cvs reports.
- Developed for Google Tech-exchange program.

Wikipages

[Youtube demo](#) 

Google Cloud, Python, Flask, Jinja2, Bulma, HTML, JS, APIs

- Website replica of wikipedia for videogames and music
- Implemented full project, including unitary test, integration tests, and continuous integration.