Narhari Olalde Guajardo

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# EDUCATION

**Instituto Tecnológico y de Estudios Superiores de Monterrey – ITESM**

*B.S. in Computer Science and Technology Engineering*

# EXPERIENCE

**Microsoft – *Silicon Engineer Intern***

* Develop a Regression Testing tool with Python (CLI, GUI and CMD) for testing in-house and third-party tools.
* Created a Cloud Workflow Manager for “Golden Data” recompilation based on Azure Artifacts and Python

**John Deere – *Embedded Software Engineer***

* Develop of CI-CD with GitHub Actions and Jenkins for testing automatization. Also worked in RAM optimization and testing processes related to CAN2BLE modules.
* Used C, C++, Groovy and Python

**Banorte – *R & D AI Intern***

* Investigation and developing of AI models for the enhancing of Banking Chatbots, such as expenses prediction and classification.
* Used Python (scikit-learn and pandas’ library), IBM tools (such as Watson and Garage)

**Microsoft – *Silicon Engineer Intern***

* Develop a new layer for an in-house framework with a focus on regression testing as a microservice.
* Develop Machine Learning algorithms for automatization and optimization related to resources management.

**John Deere – *Embedded Software Engineer Intern***

Graduation Date: December 2024

*GPA: 97/100*

June 2024 - Actual

December 2023 – June 2024

September 2023– November 2023

June 2023– September 2023

* Developing new functionalities and patches for board support on the production part of the development.
* In charge of the creation of a new On-Boarding program for new Interns, Part-timers, and Engineers where Mocks with past User Stories are applied to shorten the learning curve for the Board Support area on the ETEC.

# MAJOR PROJECTS

**Moonlight NFT Labs – *Software Developer and Co-Founder***

* As a team, we developed a series of blockchain decentralized applications on Ethereum, Avalanche, Terra, and Solana. Including a Non-Fungible Token (NFT) collection.

**Carnot Laboratories – *Software Developer***

* Full development of an application that could keep track of the visits to clients as well as a directory with library Apache. POI and Excel

# SKILLS

June 2022 – June 2023

December 2021 – June 2022

February 2019 – August 2020

## Programming Languages:

*4 years Python*

*3 years C++*

*2 years Java*

*1 year C, JavaScript, MATLAB*

*6 months Typescript, C#, Bash, Rust*

## Technologies:

React.js, HTML5, CSS3, SASS, Bootstrap, Git, Postman, MySQL, Node.js, MongoDB, Web3.0 Technologies (Libraries, APIs, and Nodes), Yocto Project, Kubernetes, Jenkins, Ubuntu Environment, Express, Docker, Kali Environment, AWS, AJAX, Yocto Project, CAN Protocol, IBM Tools

## Languages:

*Spanish Native*

*English B2 Pearson Certificate German A2 H+U Certificate*

## Awards:

LIFE Leadership Stole *– ITESM*

Winner of Banorte Challenge *– HackMTY*

Project among the top 10 *- HackMTY*