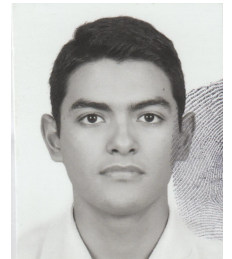


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EXPERIENCE

- **Cinvestav (Research Center)**
Research Intern - Victoria, Tamaulipas
 - Survey on the application of machine learning in 5G wireless networks.
 - Implemented state of the art algorithms.*May 2021 to September 2021*
- **CCAF Cambridge University**
Research Intern - Cambridge, UK
 - Worked on data collection and analysis regarding the fintech ecosystem.*November 2021 to July 2022*
- **Oracle Corp. - ABS**
Software Engineer Intern - Guadalajara, Jalisco
 - Worked on developing Business Intelligence web pages and feature extraction in an ML model.*February 2022 to August 2022*

EDUCATION

- **B.S. Information Technology, 9.7/10**
Universidad Politécnica de Victoria (UPV)
2022 (expected)
- **B.S. Economics, 9.6/10**
Universidad Nacional Autónoma de México (UNAM)
2023 (expected)

AWARDS & RECOGNITION

- **1st Place in IOT Prototype - 2018**
Technology and Science Regional Tournament.
- **Participation in Robotic Tournament - 2018**
First Robotic Encounter Tamaulipas. Developed a line follower
- **Banxico Fellowship - 2021**
Mexico's central bank program to educate people about central banking.

SKILLS

- **Technologies**
Julia, Python, C/C++, Tensorflow, Java, Javascript, Typescript
- **Patterns & Practices**
Object Oriented Programming, Design Patterns, Scientific Computing, Compilers & Interpreters design, Event Oriented Programming, CI & CD
- **Project Management**
Managed team applying agile development

PROJECTS

- **Interpreter [Github]**
Programming language for sci-computing with IDE
Java, JavaFX
- **Kmeans ++ Visualizer [Github]**
Application to visualize k++ classification of a dataset
Java, JavaFX
- **Inventory Management System [Github]**
Manage inventory, sales points and employees; and show inventory to clients in a web page.
Java, JavaFX, MySQL
- **Retail Sales Point App [Github]**
A sales app for a small store with local DB
Java, JavaFX, SQLite
- **Calculated Questions Designer [Github]**
Create exam calculated questions based on Moodle.
C++

INTERESTS

- **Economics** Relationship between finance and economic development
- **Technologies** 5G use cases, e-government and fintech.
- **Personal** Read, play guitar and piano