

# Edson Alexis Alfaro Bernal

Mechatronics Engineer

## Profile

Mechatronics Engineer with two years of experience. Skilled programmer in Python language, also experienced with the usage of Linux Operating System and Git/Github. Fluent English and Spanish. Specially interested in software development, automation, robotics and AI.

## personal

Edson Alexis Alfaro Bernal  
nationality: Mexican  
2000

## Areas of specialization

Python • Linux • Git • Github

## Interests

I'm interested on learning more about the software development world, I like coding challenges and participating on software projects with high impact proposal.

## Interests

Python / Android / Linux  
Web Development  
/ Algorithms / Coding  
LaTeX / Git / Software  
Development

## Softkills

Leadership



Innovation



Adaptability



Proactivity



Determination



## WORK EXPERIENCE

Dec-23-Present

### At Scale Validation Engineer

INTEL • Zapopan, Jalisco



- Responsible for debug and triage of state-of-the-art products.
- Lead the management of the prioritization of physical hardware movements, working closely with the experts to find the root cause of bugs.
- Design, execution and follow-up of experiments to perform a debug of the highest quality.
- Providing support to my teammates in the memory area, serving as an expert in the area.
- Development of software tools to streamline debugging and automate possible tasks for better time utilization.

May-23-Dec-23

### QA / Test Developer

IBM • El Salto, Jalisco



- Responsible for Quality Assurance of an IBM Enterprise Product.
- Strong skills on Linux Operating System.
- Developing of internal tools and automation solutions showing an innovation mindset.
- Improving, creating, proposing and developing test cases that were not covered.
- Performing routine inspections and quality tests.

Apr-22-Apr-23

### Functional Validation Engineer

INTEL • Zapopan, Jalisco



- Developing of scripts for the Optane and Data Center state-of-the-art technology products.
- Generation of execution and debug critical data files for the decision making and monitoring of the different departments.
- Responsible for updating the sharepoints and reference pages for stakeholders.
- Delivery of trainings to peers and senior engineers, to prove technical skills and receive feedback on communication skills.
- Outstanding team member proven by the quick learning and adaptability with different and new concepts and tools.
- Delivery of results exceeding the obligations, always looking for excellence.

## DEGREES

2018-2022

### Mechatronics Engineer

CERTIFIED • UVM



2020

### Mechanical Design Certification

CSWE • Solidworks



## HARDSKILLS

Python



Git/Github



Linux



C/C++



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