

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

Hardskills

Python

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 



PROGRAMMING

html, css



LaTeX



python



R



javascript



CURRICULUM

CERTIFICATES & GRANTS

1708 Captain's Certificates
1710 Travel grant
1715-1716 Grant from the Pirate's Company

LANGUAGES

English	C2	mother tongue			
French	C2	●	●	●	●
Spanish	C2	●	●	●	●
Italian	C2	●	●	●	●

PUBLICATIONS

1729 *How I almost got killed by Lady Swan*, Tortuga Printing Press.
1720 "Privateering for Beginners", in: *The Pragmatic Pirate* (1/1720).

TALKS

Nov. 1726 "How I lost my ship (& and how to get it back)", at: *Annual Pirate's Conference* in Tortuga, Nov. 1726.

📍 Guadalajara, Jal. 📞 +52 33-1048-8520 ✉ alexisalfaro505@gmail.com