

LAURO CERVANTES

Software Engineer



CAREER SUMMARY

Professional self-motivated Software Engineer with more than 3 years of experience in Software Development in Academia and Industry. Passionate about Software Architecture, Automation Manufacturing, Software Design and Patterns, Agile programming, High-Level and Low-level programming and fluent in four programming languages. Devoted to implement human integrity and ethical values everyday to ensure a safe environment at the workplace.

WORK EXPERIENCE

Assembler Level 2 - Mechanical Technician

Honeywell. April 2021 - Current

- Mechanical assembly of integrated conveyors, drive-shafts, IDLE units, motors and sub-assemblies.
- Experienced and skilled in all production lines, capable of rotate working stations upon request.
- Reading, interpreting and understanding blueprints for the proper assembly procedures.

Mechanical Auto Dialer

KBR. Dec 2020 - Apr 2021

- Mechanical maintenance and troubleshooting for automated mask production machine units.
- Achieved best production worker award of the month in four months in a row.
- Programmed automated mask production industrial robot in Python 3.
- Ensured quality standards stipulated by the norm.

Production Team Leader Back-up

Honeywell (Through PDS TECH). Aug 2020 - Dec 2020

- Doubled production goals since day one of service.
- Provided support in the supervision of 27 Assembly level 1 operators.
- Applied troubleshooting and preventative maintenance at mechanical manufacturing systems, such as conveyors and fast phase machinery.

HOW TO CONTACT ME

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EDUCATION

Master of Science in Software Development

- Boston University. Remote degree. **Dec 2020 - Current.** Expected Graduation May 2022. Current GPA 3.5.

Bachelor of Science in Biotechnology Engineering - Tecnológico de Monterrey Campus Guadalajara. Guadalajara, Mexico. **Aug 2010 - May 2015.** Program Accredited in the United States, GPA 3.3

SKILLS

- C++
- Java
- Python Programming
- Linux/Unix Scripting
- JavaScript
- Object-Oriented Software Patterns
- Creative Mindset
- Agile Methodologies
- Effective Team Player

Quality Control

Arconic Aerospace. Aug 2019 - Aug 2020

- Developed software architecture programming for OGP computing smart scope in Java.
- Performed preventative software maintenance methodologies and testing in JUnit 5 frameworks.
- Conducted Statistical Process Stream Data for AS9000 norm and MapReduce implementation for batch processing.
- Validated software design and patterns procedures in Unix/Linux scripting shell.

Procurement Buyer Clerk

Republic Services (Trough Randstad). Dec 2018 - Mar 2019

- Utilized cloud computing ERP SAP for the planning of daily production.
- Provided support to the mechanic technicians at the shop floor.
- Assisted daily maintenance inspection of the machine units.
- Managed work orders for shop floor on MaintainX (CMMS) and shop inventory management.

Planning Engineer

Hanes Brands Inc. Jul 2015 - May 2017

- In charge of the supervision and implementation of the Supply Chain Operations in 3 industrial plants at Central-America.
- Implemented and submitted purchasing orders on SAP.
- Managed inventory levels for the warehouse and Distribution Center Storage Management on SAP.
- Performed global negotiations with vendors in Central-America and Asia.
- Directed Supply Chain meetings with Marketing and Project Management to discuss goals and strategies for better performance in production.
- Conducted logistic transportation from Central-America to the United States.

Protocol Writer - Ph.D. Researching Assistant Internship

The National Polytechnic Institute of Mexico. Aug 2014 - Dec 2014.

- Provided Support to Ph.D Academics at the Genetic Engineering department in characterization of neuropeptide Capsaicin isolated from Capsicum annuum jalapeno seeds.
- Developed and implemented standard protocols for the characterization of Capsaicin for the jalapeno seeds.
- Conducted design of experiments in data collected in High-Performance Liquid Chromatography for the Capsaicin characterization protocol.

LANGUAGES

- English (Bilingual)
- Spanish (Native)
- Portuguese (Advanced)

HOBBIES

- Traveling
- Programming
- Linux Distros
- Reading
- Camping
- GYM
- Computer Programming
- Driving cars