

Joel Enrique Esparza Ramirez

EDUCATION

- **Master's degree in technology**

Universidad Autónoma de Ciudad Juárez (01/08/2020 – 01/05/2022)

Address: Ave. Plutarco Elías Calles 1210 Fovissste Chamiza, Juarez (Mexico)

- **Bachelor's Degree in Mechatronics Engineering**

Instituto Tecnológico de Ciudad Juárez (01/08/2014 – 01/05/2019)

Address: Av. Tecnológico 1340, Fuentes del Valle, Juarez (Mexico)

EXPERIENCE

Test Developer Engineer

Foxconn CNSBG (15/12/2022 - 13/09/2024)

City: Juarez | Country: Mexico

- Developed and automated test scripts for software and hardware components (Cisco's switches), improving test accuracy and reducing manual intervention
- Managed version control for test scripts and related projects using Bitbucket, ensuring proper branching, merging, and documentation practices
- Collaborated with cross-functional teams using Jira, tracking defects, creating tickets, and managing project sprints for seamless workflow
- Supported NPI products, performing extensive functional and regression testing, ensuring that new product releases met all performance and quality requirements
- Set up and managed servers for testing environments, ensuring proper configuration for both hardware and software testing processes

Teaching assistant (Internet of Things)

Instituto Tecnológico de Ciudad Juárez (01/08/2023 – 01/05/2024)

City: Juarez | Country: Mexico

- Lectures: Plan and present lectures and laboratory sessions, ensuring clear communication of concepts
- Evaluation of Students: Design and administer exams, assignments, and projects to assess student understanding and progress
- Professional Development: Stay updated with the latest developments in the field through continuous learning and professional networking

Field Engineer

Kornit Digital Ltd (01/08/2022 – 01/12/2022)

City: Juarez | Country: Mexico

- **Electrical Panel Upgrades:** Update and maintain electrical panels to ensure they meet current safety and efficiency standards
- **Pneumatic Panel Upgrades:** Upgrade pneumatic control systems for improved performance and reliability
- **Software Updates:** Install and configure software updates to enhance system functionality
- **Bulk Ink System Upgrades:** Implement upgrades to Bulk Ink systems for improved efficiency and reduced waste
- **Electrical Cable Routing:** Plan and execute the routing of electrical cables for optimal performance and safety
- **Connectivity Testing:** Conduct tests to ensure all systems and components are properly connected and functioning correctly

LANGUAGE SKILLS

Mother tongue(s): Spanish

Other language(s):

English

LISTENING C1 READING C1 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

DIGITAL SKILLS

Programming: Python, MATLAB and SQL / Microcontrollers (Arduino - PIC) / microprocessor/microcontroller architectures, modern processor architecture / Version Control System (Git) / Product Design (AutoCAD) / Web Development (Python/Django)