**Christian Jimenez** ***Jr. Level – Engineer***

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**SUMMARY QUALIFICATIONS**

Core Competencies

General Electrical & Design Planning Project Management & Scheduling

OSHA Standards Compliance

120/208 Volt Installations

Machine Operation

Inventory Control

Computer Programming

Building & Safety Standards

Electrical Wiring & Circuits

Design & System Specification

Closeout Documentation

MEP Systems

Electrical Estimation/Installation/Repair

Electrical Power Distribution Systems

Design Modifications

Customer/Client Satisfaction

Construction Science

Construction Coordination

Keen Attention to Detail

Strong Communication Skills

Positive Team Attitude

Solutions-oriented, proficient, Engineer with years of hands-on experience in handling various electrical projects across residential, commercial, and industrial settings, coupled with expertise in managing 5+ cross-functional personnel. Offers expertise in developmental project execution, workflow improvement, and follow-through on critical company projects or goals. Working knowledge of construction management, involving construction methods and practices. Leverages independent judgment and problem-solving in developing models.

***Areas of Expertise:***

* Knowledgeable in electrical codes, with demonstrated skills in analyzing all types of circuits, wiring diagrams, and drawings required to install repair, adjust, calibrate, construct, and modify or service all types of electrical devices & systems.
* Ability to read blueprints, run conduit, wire devices, troubleshoot and perform quality control testing, derive material quantities, prepare 4D simulations, take progress photos of jobsite, review and approve submittals, and submit RFIs.
* Proficient in running tests, isolating problems, replacing damaged section of wiring, laying conduit, and performing other tasks as necessary, under minimal supervision, while following applicable safety requirements, codes, and standards.
* Methodical in assisting project engineering, accounting, and superintending staff with daily duties. Develop schematic and detailed models and modeling structure.

**Education & Professional Development**

**Bachelor of Science in Computer Engineering** (GPA: 3.0)

Florida Atlantic University | Boca Raton, FL, Expected Date of Graduation: December 2022

**Training & Certifications:**

OSHA 10-Hour Certified (Issued: January 2019)

Jira Fundamentals Badge | Atlassian (Issued: September 2021)

**Technical Skills**

Programming Languages (HTML, CSS, C++, Assembly) | Google Suite | PSPICE | ADS (Advanced Design Systems) | Oscilloscope | MSP430 | Arduino | MS Office (Word, Excel, PowerPoint)

**Project**

**Home Security System | Microprocessor Systems August 2021**

* Assemble and simulate both data and hardware sensors for accurate computations with MSP430.
* Initialize serial communication to read keypad data on an LCD to allow log attempts to arm/disarm the home security system.
* Integrate PIR motion sensor to alert intruders & servo motor to replicate a locking mechanism.

**Professional Experience**

**Project Superintendent Internship | Turner Construction Company, Miami, FL June 2022 – September 2022**

* Immerse in the daily operations of construction or in the office by assisting the engineer or the superintendent in the field.
* **Professional Experience** *continued*
* Involved in the coordination and distribution of information required to construct the project on time and within budget.
* Assisted the engineer with obtaining information and approvals for processing shop drawings and submittals.
* Disseminated construction information to appropriate parties while assisting in the preparation of contract items list.
* Accounted for overseeing and making decisions integral to work performance, encompassing scheduling, delivery, logistics, quality control, and trade employee staffing levels in compliance with standard procedures.
* Optimized project operations by managing work among assigned trades while resolving local area problems related to procedures, design clarifications, adequate labor and equipment, schedule, and other organizational matters.
* Ensured subtractor compliance with standards and applicable safety codes and managed the site safety programs.
* Supervised and developed Field Engineers and interns and provided input on completing performance appraisals.
* Developed efficient schedule and sequence of work, including implementing recovery strategies to maintain the schedule.
* Rectified field issues by communicating with owners/architects/engineers and conformed to the approved documents.
* Guaranteed all deliverables and installations complied with labor agreements, local codes, and contracts.

**Electrical Foreman | Mustang Electric Corporation**, **Boca Raton, FL December 2021 – May 2022**

* Directed field personnel on various electrical projects and start-up procedures and install back-up systems.
* Interpreted electrical drawings and schematics to inspect field connections to track processes and minimize errors.
* Maintained and reassembled various equipment to ensure maximum usability prior to arriving at the job site.
* Reduced labor cost and overtime by suggesting and executing the most effective electrical installation practices.
* Employed skills of the placement of cross arms, splicing of wires, installation of insulators, and the setup of transformers.
* Tested malfunctioning equipment, identified defects, and collaborated with the electrical staff to solve the problem.

**Electrician | Mustang Electric Corporation**, **Boca Raton, FL May 2018 – December 2021**

* Interfaced with the master electrician to plan, schedule, and implement work activities, projects, repairs, replacements, and new system installations for electrical systems, as well as associated preventive/scheduled maintenance programs.
* Operated from ladders, scaffolds, and lifts to install, maintain, or repair electrical wiring equipment in residential, and industrial settings while collaborating with inspectors, project managers, staff, and supervisors to complete daily tasks.
* Interpreted electrical current volt schematics, including mechanical layouts, engineering drawings, blueprints, and other applicable specifications in the installation/maintenance of electrical, lighting, and electronic systems to determine the steps necessary in assessing electrical situations based on standard operating procedures.
* Inspected, diagnosed, and troubleshot electrical systems, equipment, or components, utilizing the appropriate test equipment to determine hazards and defects, ascertain the safety of the system, and ensure compatibility.
* Commandeered multifunctional roles to complete projects while observing compliance with National Electrical Code and OSHA regulations, occupational hazards requirements, industry standards, and health & safety regulations.

***Key Highlight/s***: Successfully trained and led a team in a project to install electricity throughout a residential building.