# JOSE LEMUZ

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## EDUCATION

**California State University, Los Angeles**                    *September 2014-May 2017*

Bachelor of Science in Electrical Engineering

Specialization in Power Engineering & Computer Engineering

Overall GPA: 3.67, Cum Laude

**University of California, Los Angeles**                    *Dec 2021-June 2022*

Full Stack Web Development Certification

## REGISTRATIONS

Professional Engineer (P.E.): 2021 Electrical

California E23471

## PROFESSIONAL EXPERIENCE

**Los Angeles Department of Water & Power**                    October 2017 - Present

*Electrical Engineering Associate- Customer Service Division*                    *Los Angeles, CA*

· Develop web forms and landing sites using HTML, CSS and JS.

· Perform data analysis and data visualization with Oracle SQL.

· Monitor network performance and administer web and database servers.

· Coordinate system changes and production deployment

**Southern California Edison**                    June 2015 - March 2016

*Student Engineer- Field Engineering*                    *Los Angeles, CA*

· Performed short circuit duty analysis calculations and mitigation analysis with engineering team.

· Participated in project initiation meetings with engineering team.

· Performed local planning duties such as gathering data for pole loads and meeting with customers.

· Organized work order packages consisting of field inventory maps (FIMs), circuit maps, and work schematics.

· Utilized software such as SpydaCalc, SAP and ClickScheduler to perform pole loads and monitor work orders.

**Space And Naval Warfare Systems Command**                    June 2013 - September 2013

*Intern- Energy Division*                    *San Diego, CA*

· Created tool to locate most viable locations for placing photovoltaic panels in Camp Pendleton.

· Traced the distribution system in Camp Pendleton and recreated it in simulation software.

· Assisted in comparing two different power load simulating softwares for contract negotiations.

· Conducted field visits to several sites in Camp Pendleton

· Researched web applications, software, and tools for analyzing renewable energy data

## TECHNICAL SKILLS

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|---|---|
| **Languages and Software** | Java, C++, MATLAB, Python, Verilog, PSCAD, Microsoft Visio |
| **Web Frameworks** | jQuery, NodeJS, React, Bootstrap |
| **Protocols & APIs** | XML, JSON, SOAP, REST |
| **Databases** | Oracle SQL, PostgreSQL, Microsoft SQL, MongoDB, MySQL |