

HUSSAIN EKHWAN

• Eastern Province

• 0538970471

• htekhwan@gmail.com

Objective

Electrical Engineer with knowledge and experience in electrical system design, power distribution, and electrical drafting

Education

California State University, Fresno (Fresno State)

B.S., Electrical Engineering, GPA: 3.14/4.00

May 2018

Skills

- ❖ **Engineering:** Electrical Power Distribution, Electrical Design, CAD Drafting
- ❖ **Software:** AutoCAD, Revit, AGI32, EnergyPro
- ❖ **Other:** Microsoft Office (Excel, PowerPoint, Word, Outlook), Communication

Related Coursework

Electrical Power Systems, Smart Grid and Renewable energy, Electromechanical Systems, Advanced Circuit Analysis, Control Systems, Automated Controls (PLC), Electronics, Digital Logic Design, Signal & Systems

Work Experience

❖ **Electrical Engineer**

Jan 2020- Apr 2021

Howe Electric Construction, Fresno California

- Design electrical systems for new and remodeled work for medical and commercial construction projects.
- Perform engineering tasks including lighting circuitry, power circuitry, design electrical rooms, conduit sizing, voltage drop calculation, and provide panel schedules
- Operate CAD drafting software to provide technical drawings and specifications
- Apply/analyze codes and standards such as the National Electrical Code (NFPA70) and California Energy Code (Title 24, Part 6)

❖ **Engineer**

Aug 2018- Jan 2020

Balanced Comfort, Fresno California

- Low/medium voltage electrical system design for residential & commercial buildings
- Provide CAD drawings/specifications for power and lighting design
- Provide energy calculations and consultation
- Provide Mechanical HVAC load calculation
- Apply codes and standards such as the National Electrical Code (NFPA70) and (Title 24, Part 6)

Leadership Experience/Certification

❖ **Saudi Council of Engineers**

Jun 2021

❖ **CAD Institute**

May 2020

- Fundamentals of AutoCAD

❖ **Certificates of Completion**

- How to Design Electrical Distribution system
- Electrical Systems and Room
- Critical Power Systems Expert Panel

❖ **Southern California Edison**

April 2019

- PLC LEVEL 4: Industrial Electricity and Automated Controls

❖ **Energy Auditing Techniques for Commercial Facilities, PG&E**

Sept 2018

- HVAC systems & fundamental concepts of energy efficiency
- Lighting systems & Energy savings
- Refrigeration systems & Motors efficiency