

# BOB ROCKINGHAM

*Electrical Engineer*

City State

(500) 500-5000

EMAIL@EMAIL.COM

## Skills

### Systems

- Industrial
- Telecommunications
- Networking

### Electronics

- Circuit board design
- Digital circuitry
- Analog circuitry

### Industries

- Manufacturing
- Industrial
- Government
- Software

### CAD

- Solidworks
- AutoCAD
- ProEngineer

### Software

- MacOS/Unix/Linux
- Server management
- Embedded applications.

## Certifications

- Building Electrical Systems Design and Drafting Course
- PSTI / NPTI
- Occupational Safety and Health Administration (OSHA)
- A+ Grade in SSC and A Grade in HSSC
- CCNA
- Automation Engineering Diploma
- HSE

## Work experience

Feb 2016 -  
Present

Lead Electrical Engineer  
Timothy Electrical

- On hand experience operation & Maintenance of 110kV substation, switching operations.
- Maintenance of Generators, Transformers, Switchgears, MCCs, MV/LV VFDs, etc.
- PLC, DCS, VAX/VMS, CCMS, BMS, CCTV and security systems.
- Operation and Maintenance of Refueling systems
- Responsible for LV Power, lighting, lightning protection, fire alarm, public address, data/voice
- Hiring, selection and training of staff.
- Maintaining the safety measures at job site
- Ensuring that quality control requirements are met.
- Inspected and documented work conducted
- Coordinated with consultants and architects
- Commissioned of substations
- Conducted inspections for all electrical works
- Installation of power and lighting system.
- Responsible for cable size calculation, cable scheduling, and its route.
- Pre-commissioning all electrical equipment.

Jan 2008 -  
Jan 2016

Electrical Engineer  
Duneside Industries

- Specification for electrical wiring accessories & components
- Lighting calculation
- Sizing transformer, capacitor bank, standby generator, rectifiers, batteries
- Cable sizing and selection
- Single line diagram
- Voltage drop and short circuit calculations
- Mixed signal electronic design (schematic capture to PCB production)
- Assessment of third party assemblies of electronics equipment
- Assembly instructions

Jan 2007 -  
Dec 2007

Electrical Engineer Intern  
International Technologies

- PID Drawings
- Building electrification
- Drawing preparation
- Laying of instrument cables according to schedule
- Termination drawings
- Assistance in PLC software logic
- Termination of electrical motors
- Loop Checking/Testing of IO channels.
- Cable ducting
- Installation of PLC Panels
- Field instrument termination
- Junction box termination

## Education

2009

Master of Science in Electrical Engineering  
University of State

2006

Bachelor of Science in Engineering  
University of State