

# 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