

# Zisanul Bhuiyan

**Electrical power distribution Designer - Robt. W. Hall consulting Engineers, Inc**

Manchester, CT

-Email me on Indeed: <http://www.indeed.com/r/Zisanul-Bhuiyan/5e11134254bd3e56>

Willing to relocate to: Hartford, CT - New York, NY - New Jersey

## Work Experience

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### **Electrical Design Engineer**

ROBT W. HALL - Agawam, MA

March 2019 to October 2021

Robt. W. Hall consulting Engineers, Inc, Agawam, MA 01/2019- Present

Electrical Design Engineer

- Design and prepare independently, construction orders related to overhead, underground facilities associated with electric distribution systems applying prescribed standards, guides, specifications and procedures. Prepare electrical construction drawings using AutoCAD and/or Revit. Apply design knowledge in a manner compliant with applicable building codes.
- Prepare design calculations for sizing and selection of equipment.
- Develops engineering drawings (including electrical one-line, cable and conduit schedules, and equipment wiring diagrams).
- Performing the load calculations, Arc Flash calculations.
- Prepare other engineering calculations.
- Perform field investigations of new/existing conditions.
- Write specifications for electrical materials and equipment, providing the cost estimate.
- Attend and participate in meetings with clients and owners.
- Perform lighting designing and doing this calculation by AGI32.
- Strong understanding of NEC code and International Building code, NFPA 70.
- Strongly understand the power distribution system including 120/ 208V 3 phase, 277/480V 3 phase.

### **Engineering Intern**

IAASR - Queens, NY

June 2018 to September 2018

- Worked under a senior electrical engineer to design power conversion systems for motor controllers & drivers.
- Helped develop technical articles with a main focus of educating engineers on the topic of PLC as well as DC-DC converters and its applications.
- Worked extensively with EXCEL to aid supervisors to manage projects, created charts and spreadsheets for the department.

## Education

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### **Bachelor of Engineering in Electrical Engineering**

City College of the City University of New York

December 2018

## Skills

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- MATLAB
- OSCILLOSCOPE
- EXCEL
- POWERPOINT
- MICROSOFT WORD
- WORD
- MAC
- MAC OS
- DVM
- AUTOCAD
- C++
- JAVA
- UNIX
- PROBLEM SOLVING
- Electrical Design
- Power
- PCB
- Programmable Logic Controllers
- Revit
- C/C++
- Electrical Engineering
- Drafting
- JavaScript

## Links

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<http://www.linkedin.com/in/zb1991>