igor
Enabling
Smart Buildings

Hardware Engineering Intern – Summer/Fall 2021

Location: Des Moines, IA
Reports to: Director of Hardware Engineering

Responsibilities
- Configuration and testing of PoE (Power over Ethernet) network switches and midspans
- Configuration, wiring and compatibility testing of a wide range of low voltage devices including:
  - Low voltage DC power supplies
  - LED light fixtures
  - Basic sensors:
    - Motion
    - Ambient light
    - Temperature / humidity
    - CO2
    - Water
    - Etc.
  - Advanced sensors:
    - People Counting
    - Desk Occupancy
    - Heart Rate
    - Respiratory Rate
- Documentation and reporting of product testing results
- Creation of wiring diagrams for tested products using Microsoft Visio
- Other duties as assigned by manager

Requirements
- Active interest in electronics and computer networking
- Basic knowledge of DC power principles: voltage, current, power, resistance, etc.
- Fulltime enrollment in accredited Associate's or Bachelor's degree program in Electronics, Computer Engineering, Electrical Engineering or equivalent Master's candidate

Desirable
- Experience with Cisco or PoE
- Experience with control systems (lighting, HVAC, etc)
- Experience with basic computer network design and IP configuration

- Excellent writing, grammatical and proofreading skills in English
- Excellent verbal and written communication skills in English

To Apply
Send your resume to HR@igor-tech.com with the job title in the subject line. Applications will be considered on a rolling basis until the role is filled.

About Igor
Igor, Inc. is a rapidly growing startup providing the industry's only fully integrated PoE based intelligent building network to future-proof buildings.

Igor is seeking candidates with strong and positive organization skills to join their team. Igor is a hyper-growth company and this role will be much more than just traditional business development management. Igor is looking for 'A player' individuals that wants to grow with a company as it changes an industry. The candidate should want to improve the way things are done in their industry and when given an assignment, he/she has the drive and ingenuity to figure out the best way to deliver results. The perfect candidate wants to join a young, ground-breaking company, where they can enjoy a career without limits.

At the convergence of lot (Internet of Things), Big Data and Machine Learning (AI), Igor is changing the way the industry designs, specifies and purchases smart building technology by providing building owners and businesses with an intelligent, scalable Power-over-Ethernet (PoE) smart building platform via a proven, simple yet highly configurable AI-driven enterprise software solution.

This elegant technology delivers a clear path to cost-effective AI-enabled "digital ceiling" smart building deployment, offering the best ROI in the industry. For more information, please visit www.igor-tech.com.