Enabling
Smart Buildings

Hardware Engineering Intern – Spring 2021

14-week part-time paid internship during the Spring 2021 semester.

Primary Responsibilities

- Perform configuration and testing of PoE (Power over Ethernet) network switches and midspans
- Perform 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
- Document and report product testing results
- Create wiring diagrams for tested products using Microsoft Visio
- Perform other duties as assigned by manager

Required Qualifications

- Current Junior or Senior standing
- Fulltime enrollment in accredited Associate's or Bachelor's degree program in Electronics, Electrical Engineering or MSEE candidate
- Basic knowledge of DC power principles: voltage, current, power, resistance, etc.

Preferred Qualifications

- Active interest in electronics and computer networking
- Effective team player who can also work independently
- Excellent writing, grammatical and proofreading skills in English
- Excellent verbal and written communication skills in English

About Igor

Igor is a fast-growing entrepreneurial company based in Des Moines, Iowa. Igor licenses our Power-over-Ethernet lighting and sensor technology to large lighting companies around the world. The global market is increasingly trending toward smart homes and businesses, and Igor has quickly become a leading player in the future of the agile, smart building industry. With Igor, buildings become intelligent, green, and consume 60% less energy.

Igor values a diverse and inclusive workforce and appreciates the way multiple perspectives lead to innovation and creativity at our company. Igor provides equal employment opportunities (EEO) to all employees and applicants for employment regardless of any protected characteristics.