



HBS Solutions Inc

<https://www.hbssolutionsinc.com/>

Position Details

Job Title: Entry Level Project Engineer – Commissioning & Energy

Position Type: Internship

Internship Details

Internship Location (City, State): Edgewater, MD

Internship Description:

Responsibilities

Energy Auditing & Retro-Commissioning Projects

- Travel to sites to perform surveys and audits
- Develop Detailed Energy Savings Calculations and Energy Auditing Reports
- Perform Measurement & Verification of Energy Efficiency Projects
- Prepare comprehensive reports detailing findings
- Manage the planning, investigation and implementation phases of Retro-Commissioning Projects
- Identify and implement low-cost energy conservation opportunities, and help facilitate the implementation of projects, initiatives, and programs that reduce energy consumption and demand
- Manage Subcontracted Energy Efficiency Projects
- Work with electric and gas utility incentive programs
- Manage client relationships; internally across MD/DC/VA and also externally

- Assist with process improvement, group operations and overall growth of the group

New Construction Commissioning Projects

- Develop Commissioning Plans, Specifications, Commissioning Testing Procedures
- Attend and Eventually Lead Commissioning meetings
- Perform design reviews at various stages of design development
- Review and confirm Basis of Design (BOD) and Owner Project Requirements (OPR)
- Perform Contractor Submittals reviews
- Perform field inspections and develop Site Reports
- Witness Equipment startups, test and balance activities, and functional performance tests
- Prepare commissioning reports and maintain commissioning issues lists
- Responsible for the technical quality, accuracy on multiple commissioning projects
- Technical report writing and editing
- Client management and communication

Other Responsibilities

- Responsible for personal time management
- Planning for project activities and keeping accurate records
- Technical report writing and editing
- Client management and communication
- Communication with other staff including Engineers and Administration Staff

Internship Duration: Summer

Estimated Weekly Hours: Full-time

Is this internship: Paid

Is this role in-person, hybrid, or remote? In-person

Candidate Requirements

Preferred Degree / Field of Study: Bachelor's Degree in Mechanical Engineering or similar

Minimum Qualifications:

- Bachelor's Degree in Mechanical Engineering or similar
- Minimum 0-3 years' of industry experience in the Energy/HVAC/Sustainability Commissioning and/or Retro-Commissioning field or similar
- Dedicated interest in facility energy systems, energy efficiency, operations & maintenance, and sustainable practices for new and existing buildings
- Ability to Work Alone at Times
- Possess an entrepreneurial spirit and desire to grow
- Effectively manage personal time
- Planning for project activities and keeping accurate records
- Excellent attention to detail required
- Strong writing, communication, and computer skills
- Ability to travel locally as needed, and nationally if interested
- Strong analytical and problem-solving skills
- Ability to perform complex Energy Savings Calculations
- Experience with building energy modeling and simulation software preferred, such as: Carrier HAP, TRANE TRACE, Quest (DOE 2.1), EnergyPlus OpenStudio and DesignBuilder
- Familiarity with typical mechanical, plumbing and electrical systems in commercial and industrial facilities preferred
- Understanding of HVAC system operation and associated Analytical Modeling preferred

Compensation & Logistics

Start Date: 06/01/2026

How should candidates apply?

Email resume directly

Email: Dgoforth@hbssolutionsinc.com