

Connor R. Hughes, EIT

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SUMMARY:

- Skilled Mechanical Engineer with 3+ years of experience in the MEP consulting industry and focused on high performance energy efficient HVAC design.

PROFFESIONAL EXPERIENCE:

- **CMTA – Consulting Engineers** (May 2016-Aug. 2016)
 - Engineering Intern: Using Revit 2016, AUTOCAD MEP, and Trace 700, provided assistance to other engineers with numerous projects that were in progress. This assistance usually involved designing HVAC and plumbing systems to buildings, including elementary schools, high schools, ETC.
- **CMTA – Consulting Engineers** (May 2018-Current)
 - Using Revit, designed energy efficient HVAC systems and provided construction documents that are used to obtain permits for buildings and are a part of the entire set of bid documents.
 - Communicated with clients, customers, and Architects throughout the entire building/renovation design and construction. This communication is important to help support the customer (building owner, landlord, etc..) make the optimal design decision.
 - Attended project planning meetings to coordinate mechanical system designs with structural and architecture teams, mitigate design conflicts, and coordinate delivery timelines.
 - Analyzed life-cycle cost for different HVAC options and presented this data to clients/customers.
 - Compiled and presented technical information to clients.
 - Worked closely with HVAC application engineers to discuss technical information of products.

SKILLS/ACHIEVMENTS:

- Passed FE Exam (EIT Certification)
- Communication with clients
- Carbon Neutral design strategies
- Understanding design specifications
- Project Team Coordination
- Energy Efficient HVAC Design
- High level understanding of HVAC systems
- High level understanding of Mechanical Codes (e.g. International Mechanical Code)

SOFTWARE:

- Revit and AUTO-CAD
- Microsoft office including Excel, Word and PowerPoint
- Trane – Trace 700

EDUCATION:

Bachelor's Degree in Mechanical engineering, University of Kentucky, Lexington, KY