Job Title: Plumbing & Fire Protection Intern
Location: Boston, MA

BuroHappold delivers multi-disciplinary design solutions that innovate and challenge. With a global network of 23 offices, including seven in the United States – Boston, Chicago, Detroit, Los Angeles, New York, Pittsburgh, San Francisco – our work spans across all sectors. BuroHappold’s core offering of structural and MEP services, complemented by our suite of specialist services, enables us to push boundaries and achieve more.

From the renowned Genzyme Headquarters to the Isabella Stewart Gardner Museum, BuroHappold has been delivering high quality buildings in Boston and the greater New England region for over 10 years. Our key service offerings in Boston include MEP, structural engineering and sustainability consulting. With strong support from our multi-disciplinary team in New York, we are also able to provide a range of specialty services in Boston, including but not limited to façade engineering, lighting design, and master planning. Our services in Boston are delivered by a thriving and steadily growing local office of engineers with decades of experience in the city and throughout New England. Current projects include: National Coast Guard Museum, Seaport Block L4, Brown University School of Engineering, 888 Boylston Street, and Draper Laboratories.

About the role:
This role will assist engineers in the production of detailed design specifications, written reports, site surveys, schedules etc. on a variety of projects within the plumbing and fire protection discipline including but not limited to; above ground sanitary/waste and rainwater drainage systems, below ground drainage systems and domestic hot and cold water services in fire protection services.

What will you be doing:
- Provide support in the detailed engineering design process
- Provide support in the preparation of technical schedules
- Support BIM documentation of design work
- Work closely with and monitor performance of Technician (as appropriate)
- Carry out service and project work within agreed deadlines and budget
- Ensure that appropriate service/design decisions are met
- Keep senior staff informed of important and relevant service/design decisions and the objectives of the company and the client are achieved
- Coordinating his/her work with other members of the project team
- Inform all relevant BH staff of client matters
- Continually ensuring that practices, policies, strategy and services represent the client’s and BuroHappold’s best interests and that BH policy is in keeping with current legislation, Local Standards and Codes of Practice etc.

More about you:
- Current enrollment and coursework in Mechanical, Civil, Sanitary Engineering, Environmental Engineering or Architectural Engineering
- Coursework in HVAC design or heat transfer and thermodynamics with HVAC emphasis
- Experience in AutoCAD, REVIT and other computational analysis tools such as energy analysis, heat gain/heat loss, and pipe sizing tools would be beneficial
- Ability to multi-task, effectively manage time, and maintain ongoing project focus
- Ability to communicate thoughts and technical ideas in an accessible way
- Proactive ability to take the initiative, learn, and be creative in a multi-disciplinary team environment.
- Previous engineering related internship or co-op experience is preferred
- Dynamo and coding experience is advantageous

Interested and qualified candidates please apply online on our website at: https://www.burohappold.com/careers/