Louisa Engineering, Inc. is a small, growing structural engineering firm that provides structural engineering services for architectural, industrial, governmental, and institutional entities and residential. Typically our services include structural designs for 1-5 story buildings, constructed of steel and wood. Our experience is diverse - we have designed banks, wineries, condominiums, town houses and industrial faculties. We have expertise in the design of deep and shallow foundations, basement walls, retaining walls, slabs on grade, elevated concrete slabs. Also we have utilized steel bar joists and metal decking to construct floors and roofs in accordance with the requirements of the IBC 2012 and IRC 2012 building codes. We have experience in designing unreinforced and reinforced masonry walls, structural steel framing and reinforced concrete. We are currently seeking a Structural Engineer to add to our staff.

Key Responsibilities include but are not limited to:

- Prepare plans, designs, calculations, technical specifications, analysis and cost estimates under the supervision of experienced engineers;
- Solve engineering problems and challenges;
- Follow standard operation procedures through a series of related details, steps or processes using design criteria and established engineering formulas;
- Adjust and correlate data, research code issues and document findings;
- Communicate with customers and other professionals to gather information for projects;
- Provide time estimates for these and other services for in-house workflow scheduling, and pricing estimates;
- Prepare engineering reports and other technical documents such as regulatory permit applications; and
- Knowledge of IBC, IRC, AISC and ACI required.

Qualifications:

- MS in Engineering with an emphasis in Structural and/or Civil Engineering;
- Minimum of (1) one year of experience in structural design;
- EIT registration or ability to obtain; PE preferred;
- Proficient in Microsoft Office, AutoCAD, Risa3D, RAM Structural, StruCalc, and other Structural Engineering computer programs;
- Ability and willingness to learn;
- Ability to work effectively as part of a team;
- Strong attention to detail;
- Strong written and verbal communication skills;
- Good planning, organizational and time management skills; and
- Strong coordination and team building skills.

Some local travel to job sites will be required in the Greater Richmond area and surrounding communities. If you would like to be considered to become part of our team, please send your resume and salary requirements to john@louisaengineering.com.