

Junior Structural Engineer

Discipline: Structural Engineering
Location: Bergamo, IT
Job ID: JOB02 – Junior Structural Engineer

1. Overview of work

Studio Iorio is an independent firm of designers, engineers, consultants and technical specialists offering a broad band of professional services. Studio Iorio has designed the structures of some of the most challenging and innovative national and international projects. We offer our services individually or as part of a multi-disciplinary team, on projects ranging from new construction to renovation of historic buildings. Among the most recent projects, we designed the structures of Isozaki Tower within the neighborhood of Ex Fiera Milano and the auditorium “Parco della Musica” of L’Aquila, designed by Arch. Renzo Piano.

If your application is successful, you will be working with the project team to support the project leaders with structural design and analysis and with preparation of drawings a 2D and 3D CAD environment. You will have the opportunity to work on a variety of challenging projects in a multidisciplinary context. Studio Iorio offers great training on the job and the opportunity to become project managers. Our ideal candidate will be resourceful and a good team player. He must have a good knowledge in the field of structural design. One previous experience within a similar engineering design or consulting company will be a plus.

2. Job description

The ideal candidate will have the opportunity to participate on a variety of projects and will produce high level work. His main responsibilities will be:

- refer to a design engineer or project manager;
- work together with our project managers to provide expert support to the design;
- design with different materials such as concrete, steel and timber;
- elaborate structural calculations and prepare related graphic sketches;
- use FEM design software and spreadsheets of own production;
- produce CAD drawings, representations and other documentation related using 2D and 3D software;
- reviewing drafts of CAD drawings to assure the correctness and high quality graphics.

3. Job requirements

- master’s degree in Structural Engineering or equivalent;
- excellent technical skills and a professional approach;
- good knowledge of Eurocodes or analogous international reference regulations;
- experience using structural analysis software (Straus7, MidasGen or Paratie);
- excellent knowledge of writing codes (VBA, Matlab, C#);
- strong communication skills at all levels;
- demonstrated ability to work in a team oriented environment;
- ability to work under pressure and meet strict deadlines;
- highly motivated and willing to learn and meet new challenges;
- flexibility in an environment with frequent changes in deadlines.

4. Additional information

If you are interested in working with us, please contact us at recruitment@studioiorio.net quoting the job ID JOB02, by sending your CV with the authorization to personal data treatment.