



ENGINEERING

Multiple Locations

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SAN JOSÉ, COSTA RICA

Civil Engineering with Sustainable Architecture Company

This company believes in participatory design and working as a team in close communication with the client and their consultants. They design technical and technological solutions that promote efficiency in energy consumption, ease of assembly, and low generation of waste. They also seek optimization in the use of materials, use of suppliers and local materials, use of community resources and protection of the environment in general.

Intern tasks may include:

- Assisting in sustainable urban drainage projects
- Developing strategies and materials for sustainable projects
- Proposing and spearheading personal research topic
- Meeting with local government officials
- Collaborating with other engineers

Engineering with an Electronics Manufacturing Company

This company provides quality manufacturing services requiring a skilled workforce while functioning as an extension of their client's business. The industries that the team serves require a high level of assembly knowledge and capability. The company continues to grow in these demanding areas due to on-going training, pursuit of required certifications, and ability to handle various production volumes, as well as a commitment to quality.

Intern tasks may include:

- Working with program managers and support departments
- Helping design and implement fixtures
- Contributing to the production line in a variety of activities including documentation

DUBLIN, IRELAND

Civil and Construction Engineering Internship

This company provides a multidisciplinary Architectural and Engineering Consultancy to clients nationwide. They focus on design consultancy services that encompass: architecture, engineering, planning, urban design,

and interior design all underpinned by a proven commitment to sustainability. Based in Cork and Dublin, the company offers professional services and time-tested consulting to suit any client's needs.

Intern tasks may include:

- Using computer programs such as Autocad and other engineering/architecture software
- Working with the team on engineering and architectural projects and tasks
- Shadowing and assisting engineers in various projects
- Participating in client and site visits
- Helping build out engineering reports

Engineering Internship with Renewable Energy Company

This company provides a boutique wind resource and energy assessment service led by leading wind analysts with over 20 years of experience working for developers in the wind industry. Based in UCD's Nova campus, the company applies the most current technology for the wind power industry.

Intern tasks may include:

- Analyzing data for wind and solar energy
- Processing and developing computational tools
- Assisting with computer programming projects
- Performing site visits with other analysts and engineers

Engineering and Construction Consulting Internship

This organization provides civil and structural engineering services and consulting. They cater to a wide range of local and international clients in the private and public sectors for a variety of construction projects. They produce fully integrated BIM Models using the latest software and drawing technology, including Autocad Revit and Tekla Structures.

Intern tasks may include:

- Printing and plotting drawings and documents
- Assisting with drafting / editing of technical documents and reports
- Receiving Construction Safety Training (based on Irish National Standard)
- Completing structural design tasks
- Accompanying engineer staff on site visits
- Attending house work in progress meetings (weekly)
- Networking with other professionals and doing monthly "lunch & learn" sessions

LONDON, ENGLAND

Engineering Role with Climate Control Firm

This firm provides engineering solutions to the ventilation, air conditioning, and temperature control industry.

Intern tasks may include:

- Supporting lead engineer in maintenance tasks
- Learning about HVAC controls, carrying out surveys, and meeting clients
- Writing reports, learning software and programming, creating graphics
- Carrying out project tasks under the direction of the senior engineer

Software Engineering

This company brings together all the different types of outdoor advertising onto one easy to use platform. You can plan your campaign, filter sites by your target audience, and book your dates. They consolidate all of the UK's outdoor advertising locations and layer it with geo-spatial audience data.

Intern tasks may include:

- Cashflow and revenue modelling (SaaS subscription & commission revenues)
- Marketing automation and metric analysis
- Lead generation and market research