



Student Internship - Assistant CAD Engineer

NM Group is now accepting applications for an Assistant CAD Engineer internship position starting in the summer of 2018; a specific start date will be determined after selection and will take into account university course commitments.

Role Description

The successful applicant will be working in a multi-national and multi-disciplinary environment in the Production Department at our Knaresborough office; working within one of the engineering teams, they will gain experience in LiDAR classification and PLS-CADD™ modelling. Full training will be provided.

Examples of Potential Projects

- Modelling of power lines; using Lidar to create as surveyed 3D CAD models of power lines
- Asset mapping; using Lidar to map and attribute client's assets (substations, lattice towers, wires, poles)
- Thermal rating validation; manipulating power line models to report on their optimum usage.
- Route optimisation for power lines; using Lidar to create DTMs and create most efficient routes for planned power line networks
- Line of sight studies for communication towers; this involves processing Lidar data to assess the validity of the links between telecommunication towers

Requirements

Essential

- Studying for an undergraduate an engineering (or related) degree at a recognised university
- Positive attitude
- Good understanding of maths and physics
- Excellent team working skills
- Excellent communication skills (verbal and written)
- Good problem solving abilities
- Good organisation and time management skills
- Attention to detail
- Experience using Microsoft Office

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Desirable

- Basic understanding of power line systems
- Basic understanding of LiDAR
- Basic understanding of imaging systems (aerial and/or ground)
- Good understanding of GIS systems
- Basic experience using CAD and/or GIS software

Salary and Working Hours

Salary is minimum wage. Working hours will be 8.30am to 5pm (including a 30 minute lunch break) at our office in Knaresborough, North Yorkshire.

The duration of this internship will be determined by the minimum time required for the successful applicant to qualify for a year in industry (determined by their institution, typically 6-9 months). An extension may be offered towards the end of the placement; however, this is not guaranteed.

How to Apply

Please send a CV and cover letter to recruitment@nmggroup.com. Please state the subject heading as Internship application – Engineering.

Deadline for applications is Monday 30th April 2018. Successful applicants will be called for interview in May 2018; NM Group will make every effort to interview on university campus, however, the applicant may be required to attend an interview at our office in Knaresborough.

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