Optical Engineer

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Company: Click Recruitment

Location: Edinburgh

Category: other-general

Do you want to be part of a company who are visionaries, inventors and achievers driving technology that will revolutionise the way we connect the world? Do you thrive in the optical and optoelectronics subsystems domain? Then this could be the role for you….Our Edinburgh based client are growing their team and looking for an experienced Optical Design Engineer to join them. You will be expected to work on the definition, specification and development of new and novel optical and optoelectronic subsystems for our client's products. You will also be expected to keep abreast of new developments in the field of advanced optics and evaluate device samples as appropriate. You will be joining a multi-disciplinary team of around 50 people based in Edinburgh and worldwide.You will make an impact by:Working closely with the product development team to define and deliver the next generation optical subsystems.Identifying and evaluating new technologies for future optical components.Maintaining and further developing optical link budget/model simulations.Liaising with 3rd party technology vendors.Assisting with the development and execution of test procedures for optical components/subsystems. Writing and maintaining design documentation and test reports as appropriate.Promoting deeper knowledge of optical technologies within the wider company. You'll thrive if you have:EssentialDegree in Electronic Engineering or Physics with 5+ yrs of experience working in the optical / optoelectronic domain Solid knowledge of geometrical optics, optical transmitters and detector technologies Solid knowledge of the design of optical components for communication systems and optoelectronic technologies Experience of working with suppliers Experience of defining and writing technical requirements and design documentation for both internal and

external consumption Experience in the design and prototyping of new optical sub-systems for optical communication systems Ability to define technology roadmaps in collaboration with the research and engineering teams Optical sub-system modelling experience. Experience of Zemax or other optical design tools Ability to work with engineering and research teams to establish requirements and to develop effective solutions Ability to work in the lab to validate the devices on the bench Create verification plans and drive thorough design and test plan Ability to characterise and troubleshoot designs in the lab DesirableSolid commercial industry engineering experience in the field of photonics or optical device designHold a track record of patents in the optics or optoelectronic domainLASER safety training and familiarity with relevant optoelectronic standards (e.g., IEC 60825).Experience working with high volume commercial products.For more information please contact:Nicole ChapmanNicole.chapman@clickrecruiting.co.uk

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