

# Graduate Software Engineer

# Kaon

## Full-time Position

Guildford, Surrey

**Salary: £25 – £30k depending on experience plus benefits and relocation**

Kaon is a small, dynamic company located in Guildford, Surrey. We specialise in cutting edge bespoke sonar processing systems including high data rate networks, high rate data recorders, DSP and image processing systems.

Our size makes us dynamic and flexible and we maintain an open attitude to embracing emerging technologies. We take pride in our products and Kaon's success is a result of the skills and effort of our engineering team which is made up of software, systems and signal processing engineers.

We are currently seeking a graduate software engineer to join our engineering team, if successful you will be working as part of a team utilising your skills in system design, software development and testing. At Kaon, engineers have the opportunity to operate across the whole product and project lifecycle; an engineer will be involved in bid work writing winning proposals, demonstrate their expertise in consultancy reports, help design, specify and implement world leading electronic systems and be found testing deployed systems in the UK and abroad. We need engineers that are up to this challenge.

Please note that due to the nature of Kaon's work this post is only open to UK Nationals who are willing to satisfy Government / MoD security vetting procedures.

### Essential Personal Qualities and Qualifications:

- A good University degree in a relevant engineering or scientific discipline;
- Experience in developing C/C++ or Java software applications;
- Experience of Linux based operating systems;
- Possess a good command of the English language, both written and oral;
- Have an adaptable and flexible attitude and take pride in your work;

### Additionally it would be advantageous to possess any of the following skills:

- Understanding of software development and design processes, documentation and testing;
- Networking - Understanding of IP protocols and their mapping to software applications and/or Ethernet switch configurations for network optimisation;
- Maintain a methodical and objective approach to testing;
- Low Level Interfacing – Understanding of hardware level aspects associated with controlling and writing/using Linux driver interfaces;
- Experience of writing DSP algorithms in C/C++;
- Experience in the implementation of algorithms using NVidia CUDA for GPU operation;
- Experience of MATLAB and/or Python for signal processing or mathematics applications;
- GUI Development – Experience in developing intuitive data visualisation displays and understanding the customer's requirements;
- Ability to apply signal processing techniques to solve a wide variety of problems;

Please send your CV and covering letter to [jobs@kaon.co.uk](mailto:jobs@kaon.co.uk), or Kaon Ltd., 5 Wey Court, Mary Road, Guildford, Surrey, GU1 4QU. 01483 543540