Senior Software Engineer

We are seeking an enthusiastic and experienced software engineer to help lead the development of the commercial exploitation of our innovative, highly-scalable, next generation simulation software, BOXER.

Working with senior management, this position will contribute to the shaping and implementation of the product, providing assistance and input to the software design process and the oversight of development projects. We are looking for a flexible developer who enjoys a variety of challenges and a team player who can lead and help maintain high standards across the team.

Essential Activities:

- Provide leadership in the commercialisation of our innovative end-to-end parallel simulation system, BOXER
- Take responsibility for complex product design, testing & quality
- Lead technical interaction with customers and develop solutions

Requirements & Qualifications:

- Experience of leading or managing software development projects
- Excellent C++ skills including class design and templates
- Familiarity with working on large C++ projects with 5+ years' experience
- Experience with large parallel applications, MPI
- Knowledge of CFD, FEA or other mesh-based simulation with at least 5 years' experience in mesh generation
- GUI design and testing or UI design, perhaps with Qt or Squish
- Experience in one or more of CAD, geometry modelling, 3D visualisation or game development
- Cross-platform (including Linux)
- Ability to deliver customer focussed software solutions efficiently, to high quality and on schedule

About BOXERsolutions Ltd:

BOXERsolutions actively develops and markets advanced engineering simulation software and services leveraged off the research and development of its parent company, Cambridge Flow Solutions Ltd (CFS). We focus on providing practical, powerful and effective solutions that deliver unprecedented capability to real-world applications, irrespective of complexity and size.

The overarching vision of CFS is an end-to-end parallel, scalable environment to support the simulation systems of the future - coupling geometry editing, mesh generation, conjugate CFD/FEA & postprocessing. BOXERsolutions delivers that vision to the market.

With offices in the UK and Japan, and soon to open an office in the US, we are continually looking for exceptional talent, particularly in the areas of computer-based simulation, CFD/CAE applications engineering, consulting, sales and support. We offer stimulating work in a young and dynamic company with exciting prospects.

Salary : £50,000-£60,000+ pa., negotiable depending on experience plus we offer an incentive bonus scheme – delivered via salary and/or pension benefits.

BOXERsolutions Ltd is committed to equality of opportunity.

Successful candidates will be asked to come for interview at a mutually convenient time.

Please forward all applications to careers@cambridgeflowsolutions.com

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