Graduate Software Engineer

Location: Hybrid set up (remote work from home with travel to our offices in Pirmasens, DE & Cambridge, UK)

Contract: Full Time, Permanent

Salary: Competitive

Who are we?

Computational Modelling Pirmasens GmbH (CMPG), based in Pirmasens, Germany, is a subsidiary of Computational Modelling Cambridge Ltd. (CMCL). CMCL is an award-winning research-driven company offering digital engineering software and services to industry (smart infrastructure, automotive, energy, materials, chemical, etc.), research organisations and governments. Both CMPG and CMCL collaborate closely with top research organisations such as the University of Cambridge and Cambridge CARES in Singapore. Our diverse team comprises scientists and engineers working in a vibrant environment with great opportunities for knowledge and skills development.

Who are we looking for?

We are looking for talented and creative developers to help us deliver innovative digital engineering solutions. Primarily, we are looking for an individual that's enthusiastic about solving scientific problems with software to join our The World Avatar™ team. In addition, we are looking for a person who is able, contribute to project administration and business development.

You will:

- Directly contribute to the design, development, and application of The World Avatar™
- Use cutting-edge technology to deliver novel solutions to customer problems
- Create, document, and maintain high-quality code for fellow developers and users
- Be involved in administrative processes and business development

What skills do you have?

- Postgraduate degree in a STEM field
- You have actively developed software using object-oriented programming (e.g. Java)
- You regularly use at least one scripting language (e.g. Python) to manipulate and visualise data
- You are comfortable using the command line on Unix/Linux systems
- Experience with development of computational models or numerical methods
- You can demonstrate excellent documentation practices and reporting of technical work
- You are well-organised and able to work to deadlines in a dynamic, technical environment
- Fluency in English and German with the ability to communicate technical concepts

What would really help?

- Experience leading or supervising team members or researchers
- Solid understanding of Machine Learning/AI algorithms and techniques
- Understanding of Object-Oriented paradigms
- You regulary use at least one scripting language (Python) to manipulate and/or visualise data
- Knowledge of ontologies and their use in semantic web applications
- You are comfortable using version control systems (Git) and Unix environments

What can we offer you?

- Exciting technical opportunity to advance your professional development in a growing digital business
- A diverse and committed team within a fantastic office environment
- A competitive salary, in line with your skills and experience

How to apply

If you meet the above criteria and are an **EU resident or hold a valid work permit,** please send your **CV and cover letter** (summarising your most relevant experience and skills and any examples of your work) to **careers@cmpg.io**. Please send all correspondence **by email**.

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