

Working Student – Software Development

Location: Pirmasens or Berlin area (hybrid)

Contract: Working student, up to 20 h/week

Salary: Competitive



Who are we?

Computational Modelling Pirmasens GmbH (CMPG) is a subsidiary of Computational Modelling Cambridge Ltd. (CMCL), an award-winning, research-driven software company. With our technology “The World Avatar” we build digital twins that connect data and systems across domains and scales and automate workflows. Current projects: urban digital twins for municipalities (city planning, energy infrastructure, flood scenarios), a work-order app for municipal service providers, AI-based extraction of information from hospital documents, and the digitalisation of research laboratories. We also work closely with large research institutions such as the University of Cambridge and TU Berlin. Our team is small, international and growing.

The role

You join the development team working on The World Avatar and build components that go straight into customer projects – from data pipelines and AI agents to web applications.

What you will do

- Develop and test software components (e.g. agents, data pipelines, interfaces, web front-ends)
- Collect and prepare data and integrate it into knowledge graphs
- Evaluate and benchmark tools and technologies (e.g. LLM frameworks, graph databases)
- Write technical documentation

What you bring

- Enrolled in computer science, software engineering, data science, engineering or a similar programme
- Solid Python skills and experience with Git; other languages (e.g. Java, SQL/SPARQL) are a plus
- Interest in knowledge graphs, AI/LLMs and digital twins
- Independent, structured way of working; you document what you build
- Good English (team and documentation language); German is a plus

What we offer

- Real projects instead of busywork – your work ends up with customers
- Flexible hours around your studies (fewer hours during exam periods are fine)
- Option to write your thesis with us and to join full-time after graduation
- Competitive pay

How to apply

Send your **CV** and a **short cover letter** (links to your own projects, e.g. GitHub, welcome) by email to careers@cmpg.io. You must hold a valid work permit for Germany.

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CMPG, Delaware Avenue 1-3, 66953 Pirmasens, Germany

CMCL, 9 Journey Campus, Castle Park, Cambridge, CB3 0AX, UK