Who are we?

We are the University of Cambridge’s presence in Singapore, Cambridge CARES. Our activities are sponsored by the National Research Foundation’s CREATE programme. Our first research programme, Cambridge Centre for Carbon Reduction in Chemical Technology (C4T), is a collaboration between University of Cambridge, Nanyang Technological University and National University of Singapore.

Our team is comprised of world-class scientists and engineers working in a vibrant, fast-paced environment with great opportunities for knowledge and skills development.

Who are we looking for?

We are looking for a talented and creative computer scientist, computer engineer, or computational mathematician to support the C4T research team. Primarily, we are looking for an individual dedicated to world-leading research. You will

- build data models, especially semantic data models
- develop web-based data visualisation tools alongside with GIS, BIM and other platforms
- develop both front-end and back-end systems
- perform big data handling
- perform data extraction, analysis and integration of data
- participate in research discussions with local industries and partners, and overseas universities
- handle AI applications

What skills do you have?

- A good bachelor degree in Computer Science, Software Engineering or any other relevant majors, ideally involving data visualisation or/and semantic technologies
- Java/Python/Javascript programming experience.
- An understanding of the software development lifecycle and design patterns
- Well organised and able to deliver to deadlines in a dynamic environment
- Able to communicate complex technical concepts to non-technical stakeholders
- Excellent oral and written communication skills in English

What can we offer you?

- A stimulating working-environment with friendly, highly motivated colleagues
- Opportunities to develop and implement new ideas in a creative environment
- A competitive salary in line with your skills and experience
- A one-year contract in the first instance, extendable following a satisfactory performance
- Comprehensive medical insurance coverage as part of your employment

Please note this post is mainly based in the CREATE Tower at NUS University Town, Singapore and is likely to be suitable for recent graduates.

To apply, please send your CV and cover letter (summarising the most relevant skills and experience that you have for the position) to cares@hermes.cam.ac.uk.