Fully Funded Doctoral Studentship in Database Theory and Algorithms

Student fee status: Home

Supervisor: Prof. Mahmoud Abo Khamis

Start Date: October 2027

The Department of Computer Science at the University of Oxford is offering **one** fully funded DPhil studentship for home students in the Data, Knowledge and Action theme under the supervision of Prof. Mahmoud Abo Khamis, to commence next academic year (October 2027).

Research interests focus on database theory and systems, query optimization and evaluation, graph algorithms, information theory, and fine-grained complexity. For more details, see www.cs.ox.ac.uk/people/mahmoud.abokhamis/

The studentship will provide an annual stipend (at the UKRI rate) at least £21,805 per annum for 3.5 years (42 months). The studentship will also cover the costs of course tuition fees **at home level.** Research students in the Department of Computer Science are also provided with a fund for travel to conferences and workshops (subject to approval).

Applicants must satisfy the usual requirements for studying for a doctorate at Oxford, and apply online by **Wednesday 2 December 2026** via the DPhil in Computer Science, quoting studentship reference **27-CS-MAK**. Candidates are expected to have a strong computational and/or mathematical background, with undergraduate studies in Computer Science, Engineering, Physics, Mathematics or related disciplines. Candidates must also have good writing, communication and presentation skills (see the University's web pages on the DPhil in Computer Science for details).

For further information or for informal discussions about suitability, please contact Prof. Mahmoud Abo Khamis (mahmoud.abokhamis@cs.ox.ac.uk). For further information about the studentship or the application process, please e-mail Computer Science Graduate Admissions.