



Masdar Institute of Science and Technology, Abu Dhabi

## Faculty Positions

### Computing and Information Science

**Masdar Institute of Science and Technology**, located in Abu Dhabi, U.A.E., is a private, not-for-profit, independent, graduate-level, research-driven institute developed with the support and cooperation of Massachusetts Institute of Technology (MIT). The goal of the Institute is to develop, over a period of years, indigenous R&D capacity in Abu Dhabi, addressing issues of importance to the region in critical areas such as: renewable energy, sustainability, environment, water resources and microelectronics. The Institute offers graduate degree programs (MSc & PhD) in science and engineering disciplines with a focus on advanced energy and sustainable technologies ([www.masdar.ac.ae](http://www.masdar.ac.ae) and <http://web.mit.edu/mit-tdp/www/>).

**Job description:** Teach graduate courses, supervise master and doctoral students, develop a research program, and participate in the Institute's service and outreach activities. New faculty candidates have the opportunity to spend up to 9 months as Visiting Scholars at MIT in Cambridge, MA, and conduct a funded research project jointly with MIT faculty.

**Qualifications:** The Computing and Information Science program at the Masdar Institute has full-time, open-rank (i.e., Full, Associate, or Assistant Professor) faculty positions in the area of applied computer science. Successful candidates will have demonstrated research and teaching capability in one or more computer science discipline. While we encourage applications from candidates with background in any area of computer science, preference will be given to: algorithms, networking, cryptography, computer security, and human-computer interaction. Candidates must also have an interest in applying their research to areas related to advanced energy and sustainability. Examples of relevant research applications include software support for green buildings, standards for intelligent physical infrastructure, intelligent transportation systems, smart power grids, large-scale scientific databases, etc. The applicants must be fluent in English. A doctoral degree in computer science or a related field is required, and post-doctoral or industrial research experience is a plus.

**Application submittal information:** Massachusetts Institute of Technology is assisting Masdar Institute in the search. Initial screening of applications will begin immediately and the positions will remain open until filled. Application materials should include applicant name and contact information, a curriculum vitae, statements of research and teaching interests, an application letter describing the applicant's current position and how his/her experience matches the position requirements, and e-mail contact information for at least three references. Materials must be submitted electronically to: [masdar-faculty-applic@mit.edu](mailto:masdar-faculty-applic@mit.edu)