

## **PhD Position Joint Doctoral Program NITech Japan**

The Joint Degree Doctoral Program in Informatics is a joint doctoral degree program between Nagoya Institute of Technology (NITech) Japan, and University of Wollongong (UOW) Australia. Students who graduate from the program are awarded a joint doctoral degree from both institutions. The program is designed to turn out researchers who are able to create super smart societies, contribute to the fourth industrial revolution, and lead the world in pioneering new areas of study within the field of Artificial Intelligence. Our aim is to develop practical researchers and engineers who will serve as global leaders, paving the way for new innovations at multinational companies, and developing a worldwide impact. Nagoya Institute of Technology is offering a number of fully funded PhD positions for students from around the globe to join this program. We are looking for students with experience and Interest, who have good theoretical and mathematical foundations and who want to help lead the way towards the next generation of intelligent systems that have the ability to think and learn from humans. The successful candidate is expected to conduct research in a broad range of topics in Artificial Intelligence including, but not limited to, the following:

- Artificial Intelligence (with emphasis on multiagent systems)
- Machine Learning (with emphasis on deep reinforcement learning)
- Big Data Management and Analysis
- Collective Intelligence (with emphasis on smart city applications)
- Internet of Things and Industry 4.0

### **Requirements**

- Master degree from reputed university.
- IELTS academic module overall score of 6.5 with no band score less than 6.0. (TOEFL is also accepted).
- Good mathematical skills.
- Good programming skills.

### **Benefits**

- A custom-tailored curriculum to prepare you for a career in artificial intelligence and machine learning research for universities and companies.
- A creative, diversified, and collaborative working environment in one of the world's most innovative and most livable areas.

- Integration into the NITech AI research center, which offers regular opportunities (courses, workshops, international study trips) for learning more about AI, Machine Learning and closely related topics and linking up with interdisciplinary teams.
- Opportunities for participating in international research conferences and for connecting with scientists and practitioners around the world.
- Additional funding for equipment and travel.
- Competitive compensation.
- English-speaking work environment.

### **Application Process**

In order to apply, please email the following documents to ([ahmed@nitech.ac.jp](mailto:ahmed@nitech.ac.jp)).

- Cover Letter
- Resume
- Certificates and transcripts (BSc and MSc)
- IELTS/TOEFL score

Please email your documents with the title “JDP Application”

### **Start Date**

The candidate should be able to start the PhD studies no later than April 1, 2020. We will review the applications on a rolling basis, please submit your application as soon as possible. In addition, the successful candidate may need to sit an admission exam in July 2019 according to the university regulations.

### **Contact**

Prof. Takayuki Ito, Email [ito.takayuki@nitech.ac.jp](mailto:ito.takayuki@nitech.ac.jp)

More details about the program at <https://ici.web.nitech.ac.jp>