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## Educational Robotics Center

National Taiwan Normal University  
162 Heping East Rd., Sec. 1  
Taipei, Taiwan



# PhD Student Positions

**Application Deadline: 15th July 2019**

**Program Start Date: 1st September 2019**

## OVERVIEW

The Educational Robotics Center at National Taiwan Normal University has openings for three Ph.D. students in the areas of intelligent robotics, such as

1. Programming by Demonstration
2. Explainable AI for self-driving cars
3. Humanoid robot athletes

The positions are funded through full scholarships from National Taiwan Normal University (NTNU) and the Taiwanese Ministry for Science and Technology (MOST). The scholarship includes a stipend of \$40,000 NTD per month.

## Requirements

Potential candidates must have a strong academic background including successful completion of a thesis-based M.Sc. or similar degree at an accredited university.

Candidates must have demonstrated academic aptitude through previous publications including academic papers, thesis, or project reports.

Previous experience in large projects or participation at the Federation of [International Robot Sports Association](#) (FIRA) or [RoboCup](#) robot competitions is a plus.

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All candidates must possess strong practical skills in the areas of general programming, especially using [ROS](#).

## Educational Robotics Center

The Educational Robotics Center (ERC) at NTNU is guided by [Prof. Jacky Baltes](#). The research group focuses on the development of robot athletes for various sports. Prof. Baltes' team is an experienced team and has successfully competed at various robot competitions.

The ERC is an international research lab, which currently includes about 20 researchers from Brazil, Canada, Germany, India, Indonesia, Iran, South Korea, Taiwan, Thailand, and Vietnam. Courses and research are conducted in English. The ERC maintains collaborations with many other research labs world-wide.

## National Taiwan Normal University

The National Taiwan Normal University is one of the best universities in Taiwan and has a world class reputation ([22nd in QS University World Ranking](#)) in Education. It was initially a teachers' college (hence Normal University), but has expanded in recent years to be a full university including colleges for science, engineering, arts, and humanities. NTNU has approximately 17,000 students with about 1,800 foreign students.

NTNU is also the host of the Mandarin Chinese Teaching Center, one of the best schools for learning Mandarin Chinese.

The main campus of NTNU, where ERC is located, is in the Da'An district of Taipei. Taiwan. Taipei is a modern and vibrant city with great food and an exciting environment that combines Asian and Western culture.

Taiwan is also the main manufacturing hub for advanced electronics and includes headquarters of many multinational technology powerhouses such as NVidia, Google, Microsoft, Mediatek, ASUS, Acer, Foxconn, Garmin, and Giant.

