

Eötvös Loránd University

Publication of vacancy for position of

research professor

**to Eötvös Loránd University
Faculty of Informatics, Department of Software Technology and
Methodology.**

Type of employment contract:

public employee, full-time, 5 years

ELTE Faculty of Informatics (ELTE FI) in collaboration with Bosch Hungary establishes industry driven, R&D&I oriented research professor status in order to carry out teaching, research, and development in fields of computer science and computer engineering related to autonomous driving technologies, artificial intelligence and deep learning.

ELTE FI is one of the top ranked faculties in computer science in Hungary, having a prominent international standing, with over 100 faculty members and strong focus on R&D&I activities. ELTE FI offers computer science, cartography and teacher of informatics programs. The Faculty participates in a large number of cooperative programs with universities, research institutes and businesses with a strong innovative character and a considerable portfolio of externally funded projects. EIT Digital Budapest Group initiated by ELTE is a full Node of EIT Digital. (www.inf.elte.hu, www.elte.hu, budapestictnetwork.elte.hu).

ELTE FI will start a master program „Computer Science for Autonomous Driving” from 2018 in cooperation with Bosch Hungary.

The Bosch Group is a leading global supplier of technology and services. The Bosch Group in Hungary – with its ten Hungarian subsidiaries – employs more than 12,200 people. As part of Robert Bosch Kft., the Engineering Center Budapest doing automotive developments, was founded in 2005 and now with its more than 1900 employees it is the largest R&D facility in Europe after Germany. The Engineering Center Budapest develops many kind of vehicle electronic control systems and as well mechanical components. Some examples engine control systems, traction control systems, electrical drive control systems, electrical motors, dashboards and different kind of sensors. Furthermore, airbag, ESP, steering and driver assistance systems are developed here with the target of systems for automated driving cars. ECB covers all necessary works – system engineering, algorithm development, electrical and mechanical design, simulation, reliability

engineering, testing. The Bosch Group's strategic objective is to deliver innovations for a connected life. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life."

Functions to be carried out:

- Planning, preparing and delivering effective teaching, supervision and assessment of graduate/postgraduate/PhD students in „Computer Science for Autonomous Driving” and „Computer Science” programs and related research projects.
- Participating in, and where appropriate leading, development of the curriculum and of teaching methods, creating synergies between research and education with involvement of students into research activities.
- Demonstration of an internationally relevant and competitive research programme, meeting defined business requirements and problems.
- Contributing to the Faculty's general research activities at operational and strategic levels
- planning and preparing significant research funding proposals.

Requirements:

- PhD degree in computer science or computer engineering.
- On the basis of scientific performance ability to obtain habilitated doctor title within two years.
- University teaching experience.
- Candidates must have carried out outstanding scientific research in the fields of artificial intelligence, machine learning, computer vision and related areas, which is proven by research output of a high level in peer-reviewed international publications (journals and/or books), and by results applied by industry, demonstrating a distinguished R&D profile.
- Candidates must have experience in heading up industrial research projects and coaching PhD students.

Starting date:

Starting date for the position is as soon as possible

Salary:

Upon agreement. Due to support of Bosch Hungary, the salary of employee will be significantly higher than average salary in Hungary in similar positions.

To apply:

Please submit the complete application as a ZIP archive to dean@fi.elte.hu

The application must include:

- Cover letter
- CV including a full list of publications
- Scanned copies of your certificates
- Statement of research interest and teaching objectives
- Documentation of additional relevant qualifications according to above specifications

Applications will be accepted until: 31 July 2018.