

Curriculum Vitae

Personal Details

Birthdate: 13.10.1986.
Birthplace: Budapest
Address: Aulich Lajos Str. 67. H-1154 Budapest
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Marital status: unmarried
Nationality: Hungarian



Education

2011- PhD student at the Budapest University of Technology (BME) Faculty of Mechanical Engineering (GPK) Department of Mechatronics, Optics and Engineering Informatics (MOGI)
2009-2011 Budapest University of Technology (BME) Faculty of Mechanical Engineering (GPK), Diploma in Mechatronics (MSc)
2005-2009 Budapest University of Technology (BME) Faculty of Mechanical Engineering (GPK), Diploma in Mechatronics (BSc)
1999-2005 Sylvester János Protestant High School, Budapest

Voluntary participation in research projects with Learning lessons

- Planning and construction of a water-hydraulic robot arm with microcontroller based control system for teaching purposes. Consultant: Dr. Tibor Szabó (BME-GPK-MOGI)
- Planning a piezoelectric force sensor unit. Consultant: Dr. Antal Huba (BME-GPK-MOGI)
- Investigation of the magnetic circuit in an experimental electromagnetic surgical device for laparoscopy. Consultant: Annamária Paróczy (BME-GPK-MOGI)

Professional competencies

- February 2012 – September 2012 Project work in a high-tech R&D company PPM AS in Trondheim, Norway: Developing a robot solution for welding and grinding of Francis runners
- 16-18. Mar. 2010. demonstration of the FESTO Robotino® at the IAESTE InSiDE – Innovative Steps in Development professional event
- January. 2010 – February 2011.: Participation in the project of AUDI Hungaria Motor Ltd. and the Department of Mechatronics, Optics and Engineering Informatics, developing an ECU-testing equipment.
- 27. November 2009. Open Day in the Technical and Economics University of Budapest by the Department of Mechatronics, Optics and computer science engineering.

- 23. September 2009. Demonstration for the first class compartment of Mechatronics BSc, Topic: *FESTO Robotino*® - The mobile robot system

Successes

- 2011 RoboCup Istanbul, Logistics League by FESTO (international competition) second place
- 2010. II. Robotino® Olympics and Mobile Robot Cup (national competition) participant in the organizer team
- 2009 RoboCup Graz, FESTO Hockey Challenge Cup (international competition) third place
- 2009 Robotino® Olympics (national competition) first place

Motivation

I am very interested in being able to solve technical problems that demand creativity. I like to take part in team work. In my work I am precise, consistent and fast.

Knowledge and skills

IT	ECDL; 7 Module (Office 2000, Word, Excel, Internet, PowerPoint, Access, IT), Autodesk Inventor, Autodesk AutoCAD, Dassault Systemes Solid Works, Dassault Systemes Catia, ANSYS Workbench, National Instruments LabVIEW, Wolfram Mathematica, Mathworks Matlab & Simulink.
Language	Hungarian - native language English – fluent in spoken and written German – intermediate level exam (Zertifikat Deutsch)
Driving license	Type B (PKW)

Information

Dr. Antal Huba (Ph.D. Docent)
Responsible teacher in mechatronics education
BSc.
Budapest University of Technology (BME)
Faculty of Mechanical Engineering (GPK)
Department of Mechatronics, Optics and
Engineering Informatics (MOGI)

Dr. István Bibó
Director

Sylvester János Protestant Gymnasium

Dr. Attila Halmai (habil., candidate, professor)
Responsible teacher in mechatronics education
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