



Dr. Géza Szayer

General Manager

Budapest, Hungary | Engineering Industry

Current General Mechatronics Ltd.
Education Budapest University of Technology and Economics, PhD
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I have started my professional career with embedded system developments in the field of industrial and mobile robotics. After two years' experience in the automotive industry, I applied to PhD course focusing on robotics and founded General Mechatronics Ltd. Nowadays, most of our projects are IoT applications including cloud server solutions. My mainstream technical area is product (device) development, while extensive managing tasks take a significant part of my time.



Experience

General Manager, Co-founder | 2012-Present

General Mechatronics Ltd., Budapest

- Finance, P&L responsibility
- Strategy and key policy issues
- Contracts, legal actions
- Intellectual property management
- Day-to-day operations
- Development, manufacturing and quality related project management

Embedded software engineer | 2011-2013

Knorr-Bremse R&D Center Budapest

- Logic function developer
- Dev. Env.: MISRA C, MATLAB, Simulink, D-Space, CANalyzer

Assistant Research Fellow | 2009, 2011

Narvik University College, Norway

- R&D, Industrial and mobile robotics

Embedded engineer | 2009

Audi Hungária Motor Kft., Győr

- Development of parallel motor diagnostic tools



Education

PhD. Mechatronics engineer | 2018

Budapest University of Technology and Economics

MSc. Mechatronics engineer | 2011

Budapest University of Technology and Economics

BSc. Mechatronics engineer | 2009

Budapest University of Technology and Economics

Software developer | 2005

John von Neumann Faculty of Informatics High School, Budapest



Language skills

English, Complex Intermediate Exam

German, Complex Preliminary Exam (B1)

Hungarian, Native



Membership, volunteer

Organizer, Sponsor and Co-founder | 2015-2018

Hungarian Half-size Micromouse Robot Competition (Student competition, mobile robotics)

Team member and Co-founder | 2006-2008

Team Gyurgyalag, participating on EuRobot Open Robotic Competition (www.eurobot.org)



Personal, other

Birth 8th March 1987, Budapest, Hungary

Driving licenses "A" motorcycle, "B" car



Awards

Student Scientific Conferences

National (OTDK)

- 1st prize, 2011
- 2nd prize, 2009

University (TDK)

- 1st prize and best paper of the Faculty, special prize of the President of University, 2011
- 2nd, 2nd & 3rd prizes, 2006-2009

Bosch "Invented for Life" competition, Pro Progressio scholarship for two semesters