PERSONAL INFORMATION

Ákos Dániel Cservenák

- 📍 Egyetemváros, 3515 Miskolc (Hungary)
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POSITION

assistant research fellow, Institute of Logistics , University of Miskolc

EDUCATION AND TRAINING

02/2017–06/2018 — **Vehicle Engineering MSc**
Széchenyi István University, Audi Hungaria Faculty of Automotive Engineering, Győr

09/2016–Present — **Doctoral program**
University of Miskolc, István Sályi Doctoral School of Mechanical Engineering Sciences, Miskolc (Hungary)

02/2014–01/2016 — **Mechatronics Engineering MSc (with Honours Degree)**
University of Miskolc, Faculty of Mechanical Engineering and Informatics (Hungary)

09/2010–01/2014 — **Mechatronics Engineering BSc (with Honours Degree)**
University of Miskolc, Faculty of Mechanical Engineering and Informatics (Hungary)

09/2002–07/2010 — **General Certificate of Secondary Education**
Fráter György Catholic Grammar School, Miskolc (Hungary)

WORK EXPERIENCE

20/05/2019–24/05/2019 — **Research study**
University of Duisburg-Essen, Chair of Mechatronics, Germany, scholarship by Campus Mundi

02/2016–08/2016 — **Teacher of engineering**
University of Miskolc, Robert Bosch Department of Mechatronics, Miskolc (Hungary)

PERSONAL SKILLS

Mother tongue(s) — Hungarian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Technical English proficiency (C1) combined state accredited language examination, 2019.07 General English intermediate (B2) combined state accredited language examination, 2017.03				
German	B2	B2	B2	B2	B2
	ISK German language course C1 group, Salzburg, Austria, scholarship by OMAA, 3 weeks, 2019 ISK German language course B2 group, Salzburg, Austria, scholarship by OMAA, 3 weeks, 2018 General German intermediate (B2) combined state accredited language examination, 2010.09				

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital skills	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem-solving
	Independent user	Independent user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid

- Programming languages: C, C++;
- Office application: Microsoft Office™, PTC MathCAD Express;
- Computer-aided softwares: Autodesk AutoCAD, PTC Creo Parametric, Siemens NX;
- Modeling and simulation softwares: Scilab, Matlab, StarCCM+, Tecnomatix Plant Simulation;
- PLC programming: Rexroth IndraLogic, Wago Codesys;
- Robot, CNC programming: Fanuc RoboGuide, Mitsubishi Ciros Programming, KUKA KRC controller, Siemens Tecnomatix RobotExpert, Heidenhain
- Microcontroller programming: STM32 F4 Discovery – ARM CooCox CoIDE, Arduino IDE, RaspberryPi - Python

Driving licence   B

ADDITIONAL INFORMATION

Honours and awards

- 2019 ISK German language course C1 group, Salzburg, Austria, scholarship by OMAA, 3 weeks
- 2018 ISK German language course B2 group, Salzburg, Austria, scholarship by OMAA, 3 weeks
- 2017 "New National Excellence Program" scholarship
- 2016 Gold Medallion for Studying Hard
- 2015 TDK conference, II. place
  - TDK conference, III. place
  - Scholarship of Hungarian Republic
  - OTDK conference, special prize
  - Gold Medallion for Studying Hard
- 2014 TDK conference, III. place
  - Scholarship of Hungarian Republic
  - Gold Medallion for Studying Hard
  - Bosch Award

- 2013 Scholarship of Hungarian Republic

  Miskolc Artistic and Scientific Scholarship

  Gold Medallion for Studying Hard

- 2012 TDK conference, III. place

  Scholarship of Hungarian Republic

  Silver Medallion for Studying Hard

- 2011 TDK conference, III. place

  Bronze Medallion for Studying Hard

Publications
- Jármű gördülési ellenállásának meghatározása méréssel, 27th International Conference on Mechanical Engineering, Oradea, ISSN 2068-1267, 2019 (in Hungarian)

- Vezető nélküli targonca gördülési ellenállásának vizsgálata, Doktoranduszok Fóruma 2018, University of Miskolc (in Hungarian)

- Further development of an AGV control system, Vehicle and Automotive Engineering 2, VAE 2018, Lecture Notes in Mechanical Engineering, Springer Q4 journal, 2018

- Motion planning for automated guided vehicle, Acta Technica Corviniensis – Bulletin of Engineering, journal, Romania, 2018

- Vezető nélküli targonca programozása, Doktoranduszok Fóruma 2017, University of Miskolc (in Hungarian)

- Lineáris és nemlineáris járműmodell dinamikájának összehasonlítása, 25th International Conference on Mechanical Engineering, Kolozsvár, ISSN 2068-1267, 2017

- Dynamical Modelling of Vehicle's Maneuvering, Vehicle and Automotive Engineering - Proceedings of the JK2016, Springer Q4 journal, Miskolc, 2017

- Development of a Parking Assistance for Model Vehicle, Recent Innovation in Mechatronics (RIIM), journal, Debrecen, 2016

- Positioning Measurements of Two Industrial Robots, Acta Mechanica Slovaca, journal, ISSN 1335-2393, Co-author: Szabó T., 2015

- Accuracy Measurements of Industrial Robots, Advanced Logistic Systems, journal, Miskolc, ISSN 1789-2198, Co-author: Szabó T., 2015

- Posztprocesszor vizsgálata KUKA robotra RobotExpert szoftverrel, Diáktudomány, journal, Miskolc, ISSN 2062-07-21, 2015

- Virtuális robotlabor létrehozása RobotExpert segítségével, XXII. Országos Gépészeti Találkozó (OGÉT), Nagyszeben, ISSN 2068-1267, Co-author: Makó I., 2015