



## Ádám Tóth Dr.

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**Date of birth**: 01/10/1990 **Nationality**: Hungarian

### WORK EXPERIENCE

[ 2020 – 2021 ] **university teaching assistant**  
*University of Debrecen, Faculty of Informatics*  
City: Debrecen | Country: Hungary

[ 2021 – Current ] **assistant lecturer**  
*University of Debrecen, Faculty of Informatics*  
City: Debrecen | Country: Hungary

### EDUCATION AND TRAINING

[ 2016 – 2021 ] **PhD diploma, Engineering and Technology Informatics**  
*University of Debrecen, Faculty of Informatics*  
City: Debrecen | Country: Hungary |

[ 2014 – 2016 ] **Computer Science Engineer (degree of Master in Computer Science Engineering)**  
*University of Debrecen, Faculty of Informatics*  
City: Debrecen | Country: Hungary |

[ 2010 – 2013 ] **Engineering Information Technologist (specialization: Infocommunication Networks)**  
*University of Debrecen, Faculty of Informatics*  
City: Debrecen | Country: Hungary |

### LANGUAGE SKILLS

**Mother tongue(s)**: Hungarian

**Other language(s)**:

#### English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

#### Spanish

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

### DRIVING LICENCE

**Cars**: B

### **Courses taught at the university**

2015-2021 Hálózati architektúrák és protokollok  
2016- Távközlő hálózatok  
2018- Mérnöki szoftverfejlesztés és prototípus tervezés grafikus paradigma mentén  
2019- Telecommunication Systems  
2019-2021 Önálló laboratórium 2  
2020-2022 Sensors and actuators Network  
2020- Introduction to Graphical Programming Environment  
2021- Bevezetés a Felhőtechnológiákba  
2021- Introduction to Cloud Technologies  
2021- Elektronika  
2021- Electronics  
2023- Bevezetés az AWS alapú felhő infrastruktúrába  
2023- Introduction to the AWS Cloud

### **Research topics**

- Analysis of infocommunication networks
- Cloud computing
- Study of distributed systems
- Analysis of communication systems with finite resources

### **Scientific activities**

- Scientific journal articles: 13
- Conference in journal or conference paper: 30
- Presentations at national and international conferences: 0 (HU), 24 (EN)
- Supervision of undergraduate and graduate theses: 17 individuals
- Detailed publication list: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10062155>

### **IT scientific projects**

2014-2015 TÁMOP-4.2.2C-11/1/KONV-2012-0001, "Jövő Internet kutatások az elmélettől az alkalmazásig" project  
2016-2017, 2018-2019 Kétoldalú tudományos és technológiai (TÉT) együttműködési pályázat (Bilateral relationships in science and technology (S&T))  
2015-2016 Osztrák-Magyar Akció Alapítvány / OMAA, projectID: 90öu06  
2022-2023 Osztrák-Magyar Akció Alapítvány / OMAA, projectID: 106öu4  
2018-2019 Felsőoktatási intézményi kiválósági programban (20428-3/2018/FEKUTSTRAT)  
2018-2020 EFOP-3.6.3-VEKOP-16-2017-0002 „Integrated program for training new generation of scientists in the fields of computer science” project  
2020-2021 TKP2020-IKA-04 project

## Scholarships, grants

- 2014 - Campus Hungary scholarship, *The analysis of the efficiency of cluster networks*
- 2020 - Új Nemzeti Kiválóság Program, doctoral candidate category, *Analysis of the performance of communication systems with finite resources*

## SKILLS

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### Acquired industrial certifications

- 2021.06.15. - Azure Fundamentals (AZ-900)
- 2022.05.07. - Nvidia DLI Fundamentals of Deep Learning Workshop: Fundamentals of Deep Learning
- 2023.02.10. - AWS Certified Cloud Practitioner
- 2023.06.09. - AI-900: Microsoft Azure AI Fundamentals
- 2023.06.20. - Information Technology Specialist: Cloud Computing
- 2023.06.20. - Microsoft Office Specialist: Microsoft Excel (Office 2016)
- 2023.10.16. - AWS Certified Solutions Architect – Associate
- 2024.04.18. - AWS Certified Solutions Architect – Professional
- 2024.06.17. - Microsoft Certified: Azure Administrator Associate certification