



## Dr. Szabolcs Szilágyi

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📍 Work: University of Debrecen, Faculty of Informatics, 26 Kassai Way, 4028  
Debrecen (Hungary)

### WORK EXPERIENCE

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#### senior lecturer

**University of Debrecen, Faculty of Informatics** [ 2015 – Current ]

City: Debrecen | Country: Hungary | Website: <https://inf.unideb.hu> | Name of unit or department:  
Department of Informatics Systems and Networks - Business or sector: Education

#### assistant lecturer

**University of Debrecen, Faculty of Informatics** [ 2013 – 2015 ]

City: Debrecen | Country: Hungary | Website: <https://inf.unideb.hu> | Name of unit or department:  
Department of Informatics Systems and Networks - Business or sector: Education

### EDUCATION AND TRAINING

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#### PhD in Informatics

**University of Debrecen, Doctoral School of Informatics** [ 2009 – 2015 ]

City: Debrecen | Country: Hungary | Website: <https://infphd.unideb.hu> | Final grade: Summa Cum  
Laude | Thesis: Infokommunikációs hálózatok hatékonyságvizsgálata

#### MSc in computer engineering

**University of Oradea, Faculty of Electrical Engineering and Information Technology** [ 2007 – 2009 ]

City: Oradea | Country: Romania | Website: <https://uoradea.ro>

#### BSc in computer engineering

**University of Oradea, Faculty of Electrical Engineering and Information Technology** [ 2002 – 2007 ]

City: Oradea | Country: Romania | Website: <https://uoradea.ro>

#### Microsoft Azure Fundamentals (AZ-900) - industrial certificate

**Microsoft Corporation, Microsoft Learn for Educators program (online training)** [ 2021 – 2021 ]

Website: <https://learn.microsoft.com>

#### Cisco CyberOps Associate - lecturer level

**BME Faculty of Electrical Engineering and Informatics, Department of Networked Systems and Services** [ 2020 – 2021 ]

City: Budapest | Country: Hungary | Website: <https://hit.bme.hu>

## **Cisco Certified Network Professional (CCNP) - lecturer level**

*University of Pannonia, Faculty of Information Technology* [ 2017 – 2018 ]

City: Veszprém | Country: Hungary | Website: <https://mik.uni-pannon.hu>

## **Cisco Certified Network Associate Security (CCNA Security) - lecturer level**

*HTTP Foundation* [ 2016 – 2016 ]

City: Budapest | Country: Hungary | Website: <https://http-alapitvany.hu>

## **Cisco Certified Network Associate (CCNA) - instructor level**

*Technical University of Cluj-Napoca, Faculty of Informatics and Automation* [ 2011 – 2012 ]

City: Cluj-Napoca | Country: Romania | Website: <https://utcluj.ro>

## **TOPICS TAUGHT**

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**Introduction to programming Cisco devices 1-2**

**Cloud Computing**

**Computer Networks**

**Programming Network Devices 1-2**

**Operation of infocommunication systems**

**Operating systems**

**Programming languages 1**

## **RESEARCH TOPICS**

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**Infokommunication networks**

**Multipath communication technologies**

**Cloud Computing**

**Cybersecurity**

## **SCIENTIFIC PROFILES**

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**MTMT Hungarian Science Bibliography - the database of Hungarian scientific publications**

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=authors10038662>

**iDEa Academic Profiles - the profile and research database of the University of Debrecen**

<https://tudoster.idea.unideb.hu/tudomany/SZISZABY>

**Hungarian Doctoral Council**

[https://doktori.hu/index.php?menuid=192&lang=HU&sz\\_ID=31437](https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=31437)

**Google Scholar**

<https://scholar.google.hu/citations?user=VQ4dFg0AAAAJ&hl=hu&oi=ao>

## ResearchGate

[https://www.researchgate.net/profile/Szabolcs\\_Szilagyis](https://www.researchgate.net/profile/Szabolcs_Szilagyis)

## ORCID

<http://orcid.org/0000-0003-3562-5062>

## WoS

<https://www.webofscience.com/wos/author/rid/HQY-3269-2023?SID=EUW1ED0D4EpHTWWOAUllNh74c67ka>

## Scopus

<https://www.scopus.com/authid/detail.uri?authorId=55884401600>

## SCHOLARSHIPS AWARDED

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[ 2016 ]

### ÚNKP-16-4-I

Higher Education Postdoctoral Research Fellowship - "Development and application of multipath communication technology in IPv4/IPv6 environment"

[ 2014 ]

### TÁMOP 4.2.4.A/2-11-1-2012-0001

Cross-border Doctoral Scholarship in the Convergence Regions - "Efficiency Analysis of Infocommunications Networks"

## PARTICIPATION AS A PROJECT LEADER

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[ 2016 ]

### QUIC Project

R&D cooperation agreement, Ericsson Hungary Kft.

## TENDER PARTICIPATION AS A RESEARCHER

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[ 2021 – 2022 ]

### TKP2020-NKA-04

"Automotive Industry, Insulin Resistance, Space Research (DE-SPACE)", Head of Research Group: Dr. András Hajdu

[ 2020 ]

### ED\_18-1-2019-0028

"Thematic Excellence Programme 2019", Head of Research Group: Dr. András Hajdu

[ 2017 – 2021 ]

### EFOP-3.6.3-VEKOP-16-2017-00002

"Integrated postgraduate research training programme in the disciplinary fields of computer science and information technology", Project leader: Dr. István Fazekas

[ 2013 – 2014 ]

## TÁMOP-4.2.2.C-11/1/KONV-2012-0001

"Future Internet research from theory to application", Project leader: Dr. János Sztrik

## AWARDS, PRIZES AND DISTINCTIONS

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[ 2023 ]

### **Certificate of appreciation for 10 years of teaching excellence**

Cisco Networking Academy

[ 2017 ]

### **Diploma for OTDK thesis supervisor**

XXXIII OTDK Committee

[ 2015 ]

### **Certificate of Appreciation for Outstanding Annual Teaching Achievement**

Cisco Networking Academy

[ 2012 ]

### **Outstanding PhD Student of the Doctoral School of Computer Sciences Award**

ITDI Council of the University of Debrecen

## LANGUAGE SKILLS

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**Mother tongue(s):** Hungarian

**Other language(s):**

### **Romanian**

**LISTENING C2 READING C2 WRITING C2**

**SPOKEN PRODUCTION B2**

**SPOKEN INTERACTION B2**

### **English**

**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*

## DIGITAL SKILLS

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Advanced knowledge of Windows and Linux systems / Advanced knowledge of MS Office (Word, Excel, PowerPoint). / Internet usage / Website creation in CMS systems / CISCO CCNA (Security, Routing and Switching) / Basic knowledge of C, Python programming languages / Knowledge of IT operations