



# CSABA DEBRECENI

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## JOB EXPERIENCE

September 2015 – June 2018

HUNGARIAN ACADEMY OF SCIENCES (MTA)

Research Assistant

February 2014 – April 2014

FAULTTOLERANT SYSTEMS RESEARCH GROUP (FTSRG@BME)

Junior SW Developer

January 2013 – January 2014

TEKINVEST HOLDING KFT.

Junior SW Developer

## NOTEWORTHY PAPERS

2017

"The MONDO Collaboration Framework: Secure Collaborative Modeling over Existing Version Control Systems", ESEC/FSE'17, pp. 984-988

2017

"Enforcing Fine-grained Access Control for Secure Collaborative Modeling using Bidirectional Transformations", Int. Journal on Software and System Modeling

DOI: <https://doi.org/10.1007/s10270-017-0631-8>

2016

"Query-based Access Control for Secure Collaborative Modeling using Bidirectional Transformations", MoDELS'16, pp. 351-361

Acceptance rate: 23.7%. Received ACM Distinguished Paper Award.

## HONORS AND AWARDS

2017

1st Prize at ACM Student Research Competition @MoDELS'17

2016

ACM Distinguished Paper Award @MoDELS'16

2013

2nd Prize at the Scientific Students Association Conference

## EDUCATION

2008-2017

BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS  
(Computer Science Engineering) - PhD, MSc, BSc

2004-2008

KOSSUTH LAJOS SECONDARY GRAMMAR SCHOOL, DEBRECEN  
Baccalaureate

## RESEARCH TRAINEE

- 2017, McGill University, Montreal, Canada
- 2015, Universidad Autónoma de Madrid, Spain

## RESEARCH AREAS

- MDE, MBSE, MDSD
- Cyber-physical Systems
- Collaborative Modeling

## ACADEMIC METRICS

**17**

No. international publications including journals, conferences and workshops.

**104**

No. citations of international publication including journals, conferences and workshops.

**5**

H-index: 5 publications have been cited by others at least 5 times.

## LANGUAGES

- Professional proficiency  
(intermediate B2 certificate)
- Limited proficiency  
(intermediate B2 certificate)
- Native proficiency

## COURSES

- System Modeling
- Systems Engineering
- Model-driven Software Dev.
- Critical Embedded Systems
- Critical Architectures Lab.



<https://tinyurl.com/debrecenics>