# CSABA **DEBRECENI**

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## JOB EXPERIENCE

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|---|---|
| February 2018 – (part time job) | **INCQUERY LABS LTD.**<br>Junior Researcher |
| September 2017 – | **FAULT TOLERANT SYSTEMS RESEARCH GROUP (FTSRG@BME)**<br>Research Assistant |
| September 2015 – June 2018 | **HUNGARIAN ACADEMY OF SCIENCES (MTA)**<br>Research Assistant |
| February 2014 –April 2014 | **FAULT TOLERANT SYSTEMS RESEARCH GROUP (FTSRG@BME)**<br>Junior SW Developer |
| January 2013 – January 2014 | **TEKINVEST HOLDING KFT.**<br>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<br>*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<br>*Acceptance rate: 23.7%. Received ACM Distinguished Paper Award.* |

## HONORS AND AWARDS

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| 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

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|---|---|
| 2008–2017 | **BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS**<br>(Computer Science Engineering) – PhD, MSc, BSc |
| 2004–2008 | **KOSSUTH LAJOS SECONDARY GRAMMAR SCHOOL, DEBRECEN**<br>Baccalaureate |

## RESEARCH TRAINEE

- 2017, McGill University, Montreal, Canada
- 2015, Universidad Autonóma 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.

https://tinyurl.com/debrecenics

## LANGUAGES

| | |
|---|---|
| EN | Professional proficiency<br>*(intermediate B2 certificate)* |
| DE | Limited proficiency<br>*(intermediate B2 certificate)* |
| HU | Native proficiency |

## COURSES

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