

CSABA DEBRECENI, Ph.D.

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JOB EXPERIENCE

February 2018 -

INCQUERY LABS LTD.
Senior Researcher

September 2017 - September 2018

FAULT TOLERANT SYSTEMS RESEARCH GROUP (FTSRG@BME)
Research Assistant

September 2015 - June 2018

HUNGARIAN ACADEMY OF SCIENCES (MTA)
Research Assistant

CURRENT RESPONSIBILITIES

Researcher

Conducting feasibility studies and research prototyping for complex industrial research-heavy problems.

Product Owner

Planning and leading the development of IncQuery Desktop. <https://incquery.io>

Project Manager

Managing international industrial and research projects in the domain of Transportation and Avionics.

Technical Leader

Making technical decisions and providing mentorship during the development.

Pre-sales Engineer

Continuously participating, holding presentations and providing live demo sessions on international industrial and academic conferences.

SELECTED PAPERS

2018

"Secured Views for Collaborative Modeling", IEEE Software, vol 35, pp. 32-38

2017

"Enforcing Fine-grained Access Control for Secure Collaborative Modeling using Bidirectional Transformations", Int. Journal on Software and System Modeling, vol. 18, pp 1737-1769

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.

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 AREAS

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

RESEARCH TRAINEE

- 2018, 2017, McGill University, Montreal, Canada
- 2015, Universidad Autónoma de Madrid, Spain

ACADEMIC METRICS

20

No. international publications including journals, conferences and workshops.




68

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

7

H-index: 7 publications have cited by others at least 7 times.

LANGUAGES

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

SKILLS

- Feasibility studies, Research prototyping, Tool development, Tool integration, Tool chaining
- Model-driven Technologies Eclipse, MagicDraw, Low-code platforms, UML, SysML