

KÁDÁR Balázs

M.Sc. in Technical Informatics

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Work experience

- 2010– **C++ developer**, *NNG (Nav N Go) kft.*, Budapest.
Developing navigation software. Experience in refactoring and improving old code, and developing the UI engine (fixing bugs, designing and implementing new features).
- 2007 **Software developer**, *Budapest University of Technology and Economics (BME)*.
Development of a programmable product-comparison system and its integration with the pre-existing systems. Using Prolog and Java languages.
- 2007, 2008 **Supervisor of data-entry**, *TÁRKI Social Research Institute*, Budapest.
Localizing the data-entry program. The operation and maintenance of the system for the anonymous registry of respondents. Organization, supervision and quality control of data-entry.

Education

- 2003–2009 **M.Sc. in Technical Informatics**, *BME Faculty of Electrical Engineering and Informatics*.
Specialization in Integrated Intelligent Systems.
- 1997–2003 **Secondary school leaving certificate**, *Eötvös József Gimnázium*, Budapest.

Thesis

- Title *Architectural Extensions of the DLog Description Logic Reasoning System*
Supervisors Dr. SZEREDI Péter and Dr. LUKÁCSY Gergely
Description My tasks were the design and implementation of the new modular system architecture, and the creation of a server module, a module providing database access, a module improving system efficiency and a regression test environment. The development was done using Prolog and C languages.
<http://sourceforge.net/projects/dlog-reasoner/>

Publications

- KÁDÁR Balázs, LUKÁCSY Gergely and SZEREDI Péter. Towards large scale reasoning on the semantic web. In *Proceedings of the 3rd International Workshop on Applications of Logic Programming to the (Semantic) Web and Web Services (ALPSWS2008)*, volume 434 of *CEUR-WS*, pages 57–70, Udine, Italy, December 2008.
- LUKÁCSY Gergely, SZEREDI Péter and KÁDÁR Balázs. Prolog based description logic reasoning. In *Proceedings of 24th International Conference on Logic Programming (ICLP 2008)*, volume 5366 of *Lecture Notes in Computer Science*, pp. 455–469, Udine, Italy, Dec. 2008. Springer-Verlag.

Language skills

- English Advanced level language exam, Translator certification (Hungarian–English, English–Hungarian; technical specialization)
- Spanish Basic knowledge

Computer skills

- Op. systems GNU/Linux, Windows
- Programming C++, C, Java, Prolog, Lua, etc.
- Version control CVS, git, etc.
- Web HTML, XML, PHP, CSS, JSP
- Databases MySQL
- Miscellaneous L^AT_EX, LibreOffice, MS Office

Miscellaneous

- B category driving licence.
Member of Mensa HungarIQa.