

Curriculum Vitae

FORMAL EDUCATION

- 09/2007 – 06/2010 Faculty of Informatics, Masaryk University, Czech Republic
Master's degree programme, study field: Applied Informatics
Thesis: Static pointer analysis for bug detection in C programs
- 01/2009 – 06/2009 Department of Information Technology, Uppsala University, Sweden
Exchange student
- 09/2004 – 06/2007 Faculty of Informatics, Masaryk University, Czech Republic
Bachelor's degree programme, study field: Applied Informatics
Graduated with honours. Dean's prize for excellent study results.
- 09/2000 – 06/2004 Gymnázium Ľudovíta Jaroslava Šuleka (high school), Komárno, Slovakia
Graduated with honours.

LANGUAGE SKILLS

Slovak: native
English: advanced
German: intermediate
Hungarian: elementary
Swedish: elementary

COMPUTER SKILLS

Programming languages: C# (excellent knowledge), C (excellent knowledge), Object Pascal (excellent knowledge), x86/amd64 assembler (excellent knowledge), C++ (fair knowledge), Java (fair knowledge), school-level experience with logic (Prolog) and functional (Haskell) programming

Other technologies: Win32 API, SQL, XHTML/CSS, OpenGL

Operating systems: Windows server and client systems (user and administrator level), UNIX-like systems (user level only)

WORK EXPERIENCE

- 06/2009 – 09/2009 Windows Fundamentals, Software Quality Monitoring (SQM) Team
Microsoft Corporation, Redmond, WA, USA
Position: Software Development Engineer (summer internship)
Distributed data processing (C#).
- 06/2008 – 09/2008 Windows Serviceability, Shell Test Team
Microsoft Corporation, Redmond, WA, USA
Position: Software Development Engineer in Test (summer internship)
User interface test automation programming (C#).
- 03/2007 – 06/2008 Centre for Biomedical Image Analysis
Faculty of Informatics, Masaryk University, Brno, Czech Republic
Position: Research and development worker (part-time employee)
Visualization and data processing related programming (C#).
- 04/2005 – 12/2009 Institute of Computer Science
Masaryk University, Brno, Czech Republic
Position: Programmer & systems administrator (contract employee)
Mostly: utility programming (C, C++, C#)

PUBLICATIONS

Cracking and how to protect against it. In www.zive.sk, 2005
11-part series of articles on software reverse engineering and copy
protections published at Slovakia's most read IT journal.
<http://www.zive.sk/Autori/sc-44/default.aspx?author=761>

TEACHING EXPERIENCE

Fall 2007, Fall 2008 PB161 – C++ Programming (Faculty of Informatics, Masaryk University)
Seminar tutor (<http://is.muni.cz/predmety/predmet.pl?lang=en;id=519230>)

PAST PERSONAL PROJECTS

MSCC – a compiler for a subset of C language (in C)
Available for download at <http://migeel.sk/programming/mscc>

PE-inject – older project simplifying code injection for 32bit PE EXE files (in Delphi)
Available for download at <http://migeel.sk/programming/pe-inject>

And many others, most of them available at <http://migeel.sk>.

PERSONAL INTERESTS

Computer interests: programming, operating systems design and implementation,
computer security, reverse engineering, compiler construction
Non-computer interests: foreign languages, cycling, reading, playing piano, music,
movies