Andrey Slavchev Kotlarski

Curriculum Vitae

Personal Data

born	*Vidin, Bulgaria,* 19 December 1983
current address	*Sofia, Bulgaria*
phone	+359 885 123 585
e-mail	m00naticus@gmail.com
website	m00natic.github.io

Work Experience

VIII.2017–now Pros Inc, Sofia

Senior programmer

Building airline merchandising platform back-end. Technologies and programming languages involved:
C++ · Common Lisp · Emacs Lisp · Bash scripting
STL · Boost · JSON · XML
Tokyo Cabinet · MongoDB · MySQL

III.2011– VII.2017 Vayant Travel Technologies, Sofia

Senior programmer

Programming high-performance search engine framework for exploring cheapest and most convenient fare tariffs and flight combinations. Technologies and programming languages involved:
C++ · Common Lisp · Emacs Lisp · Bash scripting · Python
STL · Boost · JSON · XML
Tokyo Cabinet · MongoDB · HyperDex · MySQL

IV.2006–I.2009 Ibis Business Solutions, Sofia

Programmer

Programming toolchain for quickly building sophisticated ERP systems. Technologies and programming languages involved:
ASP.NET · Visual Basic 6.0 · .NET Framework · ADO.NET · IIS
Sybase · Microsoft SQL Server · HTML · CSS
C# · Visual Basic · Transact-SQL · JavaScript · VBScript

Education

X.2007– unfinished "St.Kliment Ohridski" University, Sofia

University

Master of Artificial Intelligence

X.2002–IX.2006 "St.Kliment Ohridski" University, Sofia

Bachelor of Informatics

IX.1997–VI.2002 PMG "Ekzarh Antim I", Vidin

High school

Math profile
3rd place at *XXI Winter Mathematics Festivals*, Pleven 2002
Special prize at *Romanian National Mathematics Contest "Gheorghe Ţiţeica"*, Călimăneşti-Căciulata 2000
3rd place at *III International Youth Chess Tournament*, Sofia 1999

	IX.1990–VI.1997 SOU *"Hristo Botev"*, Vidin
Primary education	English profile

Free/Libre/Open Source Software Projects

	I.2013–now VLF
Author and maintainer	GNU Emacs extension which allows seamless operation over multiple huge files at once
	IX.2018–now FDBQ
Author and maintainer	Fast and extensible SQL-like query engine over fixed-field-length DBs
	V.2014–now eww-lnum
Author and maintainer	Extension to the Emacs browser eww that adds conkeror like functionality
	2009–2011 neuroGrape
Author	Modification of the Grapefruit chess engine which uses feedforward backpropagation neural network as evaluation function and learning while playing; tools to train and evaluate such networks offline
	2009–2010 clips-chess
Author	CLIPS expert system for playing king+rook vs king chess endgame

Programming Languages

Most comfortable	Common Lisp · Emacs Lisp
Also worked with	C++ · C# · Visual Basic · Transact-SQL · JavaScript · VBScript CLIPS · Clojure · Bash scripting · LaTeX · Prolog · Python BASIC · R
Read a book or two about	Scheme · Oz · Shen · Haskell · Mercury · Java · Logo

Programming Tools

Operating systems	GNU/Linux (preferred) · Microsoft Windows · FreeBSD
IDEs, editors, debuggers	GNU Emacs · GNU Debugger · Valgrind · Strace Microsoft Visual Studio 6.0/2003/2005 · Qt Creator · Protégé
Databases alike	Sybase · Microsoft SQL Server · MySQL Tokyo Cabinet · MongoDB · HyperDex
Version control	Git · Apache Subversion · Visual SourceSafe

Additional Information

Languages	Bulgarian · Mother tongue
	English · Fluent
	Russian · Basic
Driving license	Yes
Active driver	No, cycling is better
Interests	Artificial General Intelligence · Metaprogramming · Emacs Computer Chess · Origami

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