Ing. Martin Plajner

Personal:

Date of birth:	25th May 1988

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Place of birth: Prague - Czech Republic
Nationality: Czech

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Education:

2013 – expected 2020   Postgraduate PhD. course, Faculty of Nuclear Sciences and Physical Engineering (FNSPE), Czech Technical University in Prague, Prague, Czech Republic and The Academy of Sciences of the Czech Republic

18.6.2013:   Master degree with honors, FNSPE CTU, Prague, Czech Republic

2010 – 2013:   Faculty of Nuclear Sciences and Physical Engineering
Czech Technical University in Prague, Prague, Czech Republic
- Masters degree program in Software Engineering in Economics

2011/2012   Cork Institute of Technology, Cork, Ireland
- One year of studies abroad in Ireland

2007 – 2010:   Faculty of Nuclear Sciences and Physical Engineering
Czech Technical University in Prague, Prague, Czech Republic
- Bachelor degree program in Software Engineering in Economics

Work Experience:

February 2020 – to date   Logio, Prague, Czech Republic
Head of the Research and Development Department

February 2015 – to date   Institute of Information Theory and Automation, Czech Academy of Sciences, Prague, Czech Republic
PhD. student research employee

August 2017 – February 2020   Logio, Prague, Czech Republic
Consultant, Supply Chain Management, optimization problems

April 2017 – May 2017   Deloitte, Prague, Czech Republic
Manager, Innovations & Startups project initiation

May 2011 – August 2011   CERN Summer Student in CERN, Geneve, Switzerland
Half-time work on the LHCb Core Software Project

April 2011   Establishment of the Remote Control Room for COMPASS Experiment, CERN, Geneve, Switzerland

2010 – 2017   Lector of Computer Software modules at the FNSPE CTU

Skills:

General:

Advanced Math, Programming, Cryptography, Economics, Econometrics, Project Planning, Probability and Statistics

Language skills:

English: C1: advanced, Cambridge ESOL exam: First Certificate in English (FCE-2008)
German, French: beginner

Computer skills:

Procedural and object-oriented programming in various languages, mobile platforms development,
R, Python, Matlab, OpenGL, Prolog, Real Time (OS-9000) applications
MS PowerBI, Office, Open Office, Windows management, Unix, XSL word processing

Other licenses:

Driving license (group B+E), Scout leader license, First Aid license

Referees:

Ing. Jiří Vomlel, PhD.   PhD. project supervisor   vomlel@utia.cas.cz
Ing. Tomáš Hladík, PhD.   Logio consultant and CULS pedagogue   hladik@tf.czu.cz

Selected Publications, Speeches (2017 – 2020):

M. Plajner	Generic system for promotional sales prediction from time series data and individual observations.	Poster session of Machine Learning Prague 2020 conference (accepted, conference to be held in 2021 due to the corona virus)
M. Plajner, J. Vomlel	Learning bipartite Bayesian networks under monotonicity restrictions.	International Journal of General Systems vol.49, 1 (2020), p. 88-111, 2020
M. Plajner, J. Vomlel	Gradient Descent Parameter Learning of Bayesian Networks under Monotonicity Restrictions.	Proceedings of the 11th Workshop on Uncertainty Processing (WUPES'18), p. 153-164, Třeboň, CZ, 2018
M. Plajner, A. Magauina, J. Vomlel	Question Selection Methods for Adaptive Testing with Bayesian Networks.	20th Czech-Japan Seminar on Data Analysis and Decision Making under Uncertainty, Pardubice, CZ, 2017
M. Plajner, J. Vomlel	Monotonicity in Bayesian Networks for Computerized Adaptive Testing	Symbolic and Quantitative Approaches to Reasoning with Uncertainty. p. 125-134 , ECSQARU, Lugano, CH, 2017

Date: 28.9.2020