

Marko Ruman

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WORK EXPERIENCE

Czech Academy of Sciences - Institute of Information Theory and Automation Prague, Czech Republic

Research assistant 2015 -

- Participating on research in Department of Adaptive Systems, research topics includes mainly design of adaptive decision-making systems and Bayesian learning.
- Co-authored 4 papers so far making use of Markov decision processes, dynamic programming, and recursive Bayesian learning of newly proposed mixture ratio models
- Currently focused on deep reinforcement learning and transferring knowledge between reinforcement learning tasks

Web developer 2006 -

- Coded and designed many websites as a freelancer using HTML, CSS, PHP, MySQL and JavaScript, the latest work can be seen at www.somturista.sk.

EDUCATION

Faculty of Nuclear Sciences and Physical Engineering - CTU in Prague

Prague, Czech Republic

Mathematical engineering (PhD.)

2018 – 2022 (expected)

- Relevant courses: Monte Carlo method, advanced statistical and numerical methods, relational databases, advanced functional analysis

Faculty of Nuclear Sciences and Physical Engineering - CTU in Prague

Prague, Czech Republic

Mathematical engineering (Ing. ~ MSc.)

2016 - 2018

- Relevant courses: Monte Carlo method, advanced statistical and numerical methods, relational databases, advanced functional analysis

Faculty of Nuclear Sciences and Physical Engineering - CTU in Prague

Prague, Czech Republic

Mathematical engineering (Bc. ~ BSc.)

2013 - 2016

- Graduated with honors
- Relevant courses: besides algebra and calculus, also advanced numerical methods, statistics, 2 semester of C++ programming and all classical physics courses

SKILLS, ACTIVITIES AND INTERESTS

Language: Fluent in English, basics of Italian, French and German

Technical skills: MATLAB (extensively used at Czech Academy of Sciences), Python, HTML, CSS, JavaScript (freelancing), SQL, C++ programming

Personal interests: Playing the guitar in improvisational groups, surfing, fitness and healthy lifestyle