Jakub Mifek

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EDUCATION

CHARLES UNIVERSITY
MSc in Artificial Intelligence
Sep 2020 | Prague, CZ
Machine Learning and Robotics

CHARLES UNIVERSITY
BSc in Computer Science
Sep 2018 | Prague, CZ
Algorithms and Optimization
GPA: 2.27 (1-4 | 1 is best)

GYMNÁZIUM, PRAHA 6, ARABSKÁ 14
Grad. June 2014 | Prague, CZ
Programming
Avg grad score: 1.0 (1-4 | 1 is best)

LINKS

Facebook:// **jakub.mifek**
Github:// **jakubmifek**
LinkedIn:// **jakubmifek**
YouTube:// **Jakub Mifek**

LANGUAGES

Czech | Native proficiency
English | Full professional proficiency
Japanese | Amateur proficiency
French | Amateur proficiency

COURSES

Optimization Methods
Computer Graphics
Artificial Intelligence
Deep & Machine Learning
Software Architecture
Statistics

SKILLS

PROGRAMMING
Over 5000 lines:
Java • Bash • Python • Javascript
C • C++ • Matlab • C#
Over 1000 lines:
Prolog • Haskell • CSS • HTML
Assembly
Familiar:
LoopBack • TensorFlow • .NET • MySQL
MongoDB • Neo4j • CI/CD • Git
Enterprise Architect

EXPERIENCE

DCOS S.R.O. | Programmer
Nov 2017 - Present | Prague, CZ
- General backend programming in NodeJS and TypeScripts
- Did several researches and special projects with aspect of math and physics
- Created several libraries and scripts that are widely used within the company; maintainer of **ST.JS** fork

PROJECTS

CLASSIC CARD GAMES | Approach for creation of CCG and AI
Nov 2016 – June 2018 | Prague, CZ
Under the lead of **Mgr. Jakub Gemrot, Ph.D.** I created a library which abstracts creation of card games and enables general AI development. In addition I created several sample games, GUI, Server application and several AIs for each game including self-learning agents based on Q-Learning.
Read more in my **thesis**.

AWARDS

Google Hash Code 2019 | Online Qualification Round • 1132nd place
Google Code Jam 2018 | Online Qualification Round • 493rd place

VOLUNTEERING

Dobrovolnické centrum FN v Motole | 2018