FEDOR SIMONOV

fs.simonov@gmail.com

linkedin.com/in/fsimonov

Moscow, Russia

EXPERIENCE

DATA MINING ENGINEERING INTERN, HUAWEI; MOSCOW, JULY 2016 – DECEMBER 2016

Developed algorithm for indoor positioning using machine learning. Developed in Python with Jupyter (and PyCharm), scikit-learn and matplotlib.

EDUCATION

MOSCOW STATE UNIVERSITY – PURSUING BS, 2013-2017

Data structures and algorithms, Operating systems, Programming paradigms, Computer vision, Computer architecture and assembly, Machine learning, Mathematical analysis, Linear algebra, Statistics.

COURSERA MACHINE LEARNING COURSE, 2015

ITUNES U IOS DEVELOPMENT COURSE 2016 - 2017

PROJECTS

COURSE PROJECT "WORD SENSE DISAMBIGUATION" - HTTPS://GITHUB.COM/FSIMONOV/WSD/BLOB/MASTER/WSD.PDF

Developed algorithm for word sense disambiguation using word embeddings (word2vec). Developed in Python with Jupyter (and PyCharm), scikit-learn and gensim.

COURSE PROJECT APPLICATION textClassifiers

Designed and developed application for comparison and error analysis of text classifiers in natural language.

CLOTH SIMULATION AND BLACK HOLE RENDERING

Implemented cloth simulation and rendered black hole image during the computer graphics course.

FLUIDS – WATER SIMULATION - HTTPS://GITHUB.COM/CMC-HASKELL-2016/FLUIDS

In a team of 4 people implemented water simulation in Haskell.

TECHNOLOGY SUMMARY

C, C++, Python, Jupyter, PyCharm, Scikit-learn, Haskell, Lisp, Prolog, Swift, Matlab, Assembly.