

Viktória Nemkin

C++ • Algorithms • Mathematics • Linux • Python • Qt

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<https://github.com/nemkin>

Software engineer and demonstrator. Loves competitive programming, mathematics, Linux and C++.

Experience

Senior Software Engineer

June 2018 -

EN-CO Software Kft.

Research and Development Group

Team leader in the newly formed Research and Development Group. Studies neural networks and Google's Tensorflow framework with Python. Works on the estimation of livestock weight based on deep learning and image processing algorithms.

Maintains the Linux servers and the developers' computers. Implemented and documented ISO27001 requirements for all Linux systems.

Demonstrator

Sept 2015 -

Budapest University of Technology and Economics

Department of Computer Science and Information Theory

Conducts practice classes from Probability Theory and Theory of Algorithms, corrects students' midterms and finals, assists the revision of the exam exercises and the administration of grades.

Worked with a deaf student for a year as his teacher. Typed on a computer to communicate with him.

Software Engineer

June 2015 - May 2018

EN-CO Software Kft.

Using C++11 and Qt worked on creating an access control and time attendance management system. Migrated code from .NET to Qt for an ePayment processing system for festivals' merchants. Helped co-workers to learn Qt.

Produced software for our speech recognition system to compute the most likely transcription based on the neural network output distribution combined with a discipline-specific Hungarian language model using the k-prefix beam search algorithm.

Education

Computer Engineering, B.Sc.

Sept 2013 - Jan 2019

Budapest University of Technology and Economics

Competed in ACM-ICPC CERC and Sapiientia ECN. Attended the competitive programming study group and the deep learning study group.

Wrote my thesis project on automating the university's timetable creation using Google's OR-Tools.