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EDUCATION	Budapest University of Technology and Economics , Budapest, Hungary <ul style="list-style-type: none">▪ MSc in Software Engineering Sep 2018 – Jun 2020<ul style="list-style-type: none">• Main specialization in AI and NLP▪ BSc in Mechatronics Engineering Sep 2014 – Jan 2018<ul style="list-style-type: none">• Degree GPA: 4.79/5.00, Excellent with Highest Honours• Thesis: Parking Spot Recognition and Visualization with Semantic Segmentation EEML , Bucharest, Romania <ul style="list-style-type: none">▪ Deep Learning and Reinforcement Learning Summer School Jul 2019 – Jul 2019
PAPERS	<ul style="list-style-type: none">▪ Improving Neural Conversational Models with Entropy-Based Data Filtering May 2019<ul style="list-style-type: none">• To appear at ACL 2019. Check github repo and paper link.▪ Deep Learning Based Chatbot Models (paper) Nov 2017<ul style="list-style-type: none">• My notes on 150 publications that I have read in the field of deep learning, focusing on dialog agents.▪ Study of protein circuits using self-developed software (GitHub) Nov 2016
AWARDS	<ul style="list-style-type: none">▪ First place at the National Scientific Students' Associations Conference (paper) Apr 2019▪ First place at the Scientific Students' Associations Conference (paper) Nov 2017▪ Second place at the Scientific Students' Associations Conference (paper) Nov 2016
EXPERIENCE	Robert Bosch GmbH , Budapest, Hungary <ul style="list-style-type: none">▪ Software Engineer, Driver Assistant Division Apr 2018 – Aug 2018 Continued the work described below as a full-time employee. Collected a much larger dataset and experimented with the YOLO model, with good results, pushing the project to a demo phase.▪ Software Engineer Intern, Driver Assistant Division Jul 2017 – Mar 2018 For my BSc thesis, I built a user interface in OpenGL and OpenCV for selecting parking spots projected on the ground on the real-time feed of a camera. Moreover, I collected and labeled my own dataset, and I researched and trained semantic segmentation models. Please contact me for a copy of my thesis. Department of Automation and Applied Informatics , Budapest, Hungary <ul style="list-style-type: none">▪ NLP Researcher Feb 2018 – Present I am a researcher focused on neural chatbots and student supervisor. I advised an undergraduate student on a research project related to unsupervised NMT. Currently, I'm supervising several students working on my neural chatbots project (1, 2, 3).▪ Teaching Assistant Feb 2017 – Jun 2017 I was a teaching assistant for electrical engineering labs. I helped students complete the lab by explaining the theoretical material and by helping them put together the experiments.
VOLUNTEER ACTIVITIES	Budapest Cultural Center , Budapest, Hungary <ul style="list-style-type: none">▪ Informatics Lecturer Oct 2012 – May 2013 I taught older people how to use the internet and useful websites like facebook, gmail, google and others.
TALKS & POSTERS	<ul style="list-style-type: none">▪ EEML 2019: Improving Neural Conversational Models Jul 2019▪ RAAI 2019: Improving Neural Conversational Models Jun 2019▪ Hungarian NLP Meetup: Neural Chatbots May 2019
LANGUAGES	<ul style="list-style-type: none">▪ Hungarian, Romanian: Native language.▪ English: C1 level (TOEFL iBT: 115/120).▪ French: B2 level (Advanced level high school final exam).
IT SKILLS	<ul style="list-style-type: none">▪ Microsoft Office (Excel, Word, Power Point, Access)▪ Mathematica, Inventor, NI LabView, Ansys, R (studied during 1 semester)▪ C/C++ (studied during 3 semesters, used in projects)▪ Python, Java, Matlab (studied during 2 semesters, used in projects)▪ OpenGL, TensorFlow, PyTorch, Processing, LaTeX, Git (self-taught, used in projects)