

Richárd Krisztián Csáky

Kada utca 87., Budapest 1106, Hungary • +36 (30) 240-1710
ricsinaruto@hotmail.com • <http://csaky-richard-krisztian.strikingly.com/> • <https://www.github.com/ricsinaruto>

EDUCATION

Budapest University of Technology and Economics, Budapest, Hungary

- B.S. in Mechatronics Engineering Sep 2014 – Jan 2018
 - Cumulative GPA: 4.31 / 5.00
 - Main Subjects: Power Electronics (taught in English), Fundamentals of FEM (taught in English), Control Theory, Image Processing, Digital Electronics, Analog Electronics, Data Mining, C/C++
 - Thesis: Parking Spot Recognition and Visualization with Semantic Segmentation
 - Advisers: Viktor Kovács, Krisztián Németh

RESEARCH EXPERIENCE

Department of Automation and Applied Informatics, Budapest, Hungary

- Deep Learning Based Chatbot Models Apr 2017 – Nov 2017
 - Supervisor: Dr. Gábor Recski
 - Github project link.
 - My notes on 100 publications that I have read in the field of deep learning, focusing on dialog agents.
- Study of dipole-dipole coupled protein-based circuits using self-developed simulation software Oct 2015 – May 2017
 - Supervisor: Dr. Balázs Rakos
 - Github project link.

AWARDS & SCHOLARSHIPS

Budapest University of Technology and Economics, Budapest, Hungary

- First place at the Scientific Students' Associations Conference Nov 2017
For my Deep Learning Based Chatbot Models paper.
- Second place at the Scientific Students' Associations Conference Nov 2016
For my Study of dipole-dipole coupled protein-based circuits using self-developed simulation software paper.

WORK EXPERIENCE

Robert Bosch GmbH, Budapest, Hungary

- Software Engineer Intern, Camera based Driver Assistant Division Jul 2017 – Present
Wrote my Bachelor thesis here, and currently I am continuing the work on this project.

Department of Automation and Applied Informatics, Budapest, Hungary

- 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

- Informatics Lecturer Oct 2012 – May 2013
I taught older people how to use the internet and useful websites like facebook, gmail, google and others.

LANGUAGES

- Hungarian: Native language.
- Romanian: Native language.
- English: C1 level (TOEFL iBT: 115/120).
- French: B2 level (Advanced level high school final exam).

IT SKILLS

- Microsoft Office (Excel, Word, Power Point, Access)
- Mathematica, Inventor, NI LabView, Ansys (studied during 1 semester)
- C/C++ (studied during 3 semesters)
- Windows Forms/.NET, Java, Matlab, R (studied during 1 semester)
- OpenGL, Python, TensorFlow, Processing, LaTeX (self-taught, used in projects)

INTERESTS

Piano, Hiking, Driving, Chess

[CV compiled on 2018-01-03]