Richárd Krisztián Csáky

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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

- 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 2017-12-26]