

Dávid Komorowicz

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Machine Learning (Autonomous Driving) - Robert Bosch Hungary, 06/2018 – Present

Auto Deeplab implementation (github.com/Dawars/auto_deeplab-pytorch) - 01/2019

1st implementation of the paper worldwide, filled out missing parts. Exported to Android and iOS. (PyTorch, Docker, ONNX, Caffe2, CoreML)

HandVR (github.com/dawars/handvr) CA 01/2017 – 01/2019 (On hold)

Increasing immersion in VR through personalized hand models from a single 2D photo.

Created training data by combining multiple data sources. Replaced parts of existing model and modified to fit hand data. (PyTorch, Tensorboard, Docker, OpenGL, Unity, Leap Motion)

Prototype Developer (projectatmo.com) - 03/2016 – 10/2016

Augmented Reality board gaming platform. Implemented an object detector in real-time.

Developed a joint calibration tool for a fish-eye camera & projector (OpenCV, Python, Raspberry Pi)

High School Lecturer (ELTE Trefort Ágoston Practice School) - 2014 – 2018

I taught extracurricular classes about Arduino, Android, and Computer Graphics ([YouTube](#)).

Creator - Minecraft mods. Independent, CA 2012 – 2015

Launched 4 Minecraft extensions with 450 000+ total downloads in a team of 3. Managed development, gameplay, and marketing. (Java, OpenGL)

Education

Budapest University of Technology and Economics, 02/2019.

B.S. in Computer Engineering. Emphasis Machine Learning.

Karlsruhe Institute of Technology, 09/2017 – 02/2018.

Education abroad, Erasmus Program

Languages

- English - Full working proficiency
- German - Limited working proficiency

Activity and Awards

GDC 2019 scholarship for CEE developers, National Talent Scholarship 2017, GDD Europe 2017 scholarship for Android devs, Kitchen Budapest: Talent Mentoring Program 2016, Scientific and Innovation Talent Contest for Youth 2014 semi-finals, BeeSmarter winner 2014

Hobbies

Teaching Tech, Learning Languages, Ballroom Dancing, Martial Arts, Scouting