



Dániel Kulcsár

📍 **Work** : Zrínyi Miklós st. 18., 8800, Nagykanizsa, Hungary

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Gender: Male **Date of birth**: 22/03/1993 **Nationality**: Hungarian

WORK EXPERIENCE

[01/03/2020 – Current]

Software developer

University of Pannonia

Address: Zrínyi Miklós st. 18., 8800, Nagykanizsa, Hungary

[10/03/2021 – 21/04/2021]

Professional trainee

University of Pannonia

Address: Zrínyi Miklós st. 18., 8800, Nagykanizsa, Hungary

Research and development in the project "Development of CVD coatings" (NKFIH-843-10/2019).

- Creating predicting algorithm to estimate the output of the CVD coating process based on input parameters.
- Connecting the algorithm to a website.

[01/11/2019 – 31/12/2019]

Professional trainee

University of Pannonia

Address: Zrínyi Miklós st. 18., 8800, Nagykanizsa, Hungary

Complex engineering work within the PENdroid program (EFOP-3.6.1-16-2016-00015)

- supporting research related to the Campus' Industry 4.0 lab in the field of machine learning
- development of machine learning-based applications
 - development of deep learning based object recognition application
 - development of face recognition application
- system operator tasks related to the OEE data collection system of the Industry 4.0 lab

[01/02/2018 – 31/01/2020]

Application developer

University of Pannonia

Address: Zrínyi Miklós st. 18., 8800, Nagykanizsa, Hungary

Undertaking tasks within the PENdroid program (EFOP-3.6.1-16-2016-00015).

- Android application development for Google Play
- participation in event organizing activities
- keeping the Android development educational materials up to date

EDUCATION AND TRAINING

[01/09/2020 – 29/02/2024]

Computer Science Engineer MSc (unfinished)

University of Pannonia

City: Veszprém/Nagykanizsa | **Country**: Hungary | **Field(s) of study**: Industrial automation | **Level in EQF**: EQF level 7

[01/09/2016 – 31/01/2020]

Computer Science Engineer BSc

University of Pannonia

Address: Zrínyi Miklós st. 18., 8800, Nagykanizsa, Hungary | |

Level in EQF: EQF level 6

[01/09/2014 – 31/05/2016]

Software developer

School of Business Vocational School

City: Zalaegerszeg | **Country:** Hungary | | **Level in EQF:** EQF level 4

LANGUAGE SKILLS

Mother tongue(s): Hungarian

Other language(s):

English

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

[2020]

Face Recognition In The Service Of Tourism Security

Reference: Study volume of IV. International Scientific Conference on Tourism and Security, p. 402

Link: https://www.uni-nke.hu/document/uni-nke-hu/Konferenciakötet_2020.pdf

[2020]

Object Recognition Application Based On Deep Learning

Reference: Study volume of XXXV. Jubilee Kandó Conference, p. 31

Link: <https://kttk.kvk.uni-obuda.hu/sites/default/files/csatolmany/xxxv-jubileumi-kando-konferencia-kiadvanya-v1.pdf>

CONFERENCES AND SEMINARS

[03/12/2019]

IV. International Scientific Conference on Tourism and Security Zalakaros, Hotel Karos Spa**** Superior

Face Recognition In The Service Of Tourism Security

[14/11/2019]

XXXV. Jubilee Kandó Conference

Budapest, Óbuda University, Kandó Kálmán Faculty of Electrical Engineering

Object Recognition Application Based On Deep Learning

WORKING SKILLS

[01/11/2024 – Current]

IT Expert

ATHU-0100028 - InnoGuide4CHT project

- At the time of writing CV: Professional tasks related to the Android mobile application's user specification document.

[01/06/2024 – 31/10/2024]

IT Assistant

ATHU-0100028 - InnoGuide4CHT project

- Professional tasks related to the State of the art and Potential analysis document.

[01/12/2023 – Current]

Front-end development

Event management web application using Node.js and React (in-campus development)

[04/2023 – Current] **Back-end development**

Using Node.js for the event management web application

[01/10/2022 – 30/11/2023] **Front-end development**

2020-1.1.2-PIACI-KFI-2020-00045 project

- **2023.04.01. - 2023.11.30.** web development tasks (Node.js, React)

2019-1.3.1-KK-2019-00015 project

- **2023.01.01. - 2023.02.28.** Windows Form application using .NET Framework and CLR for genetic algorithm implemented in C++
- **2022.10.01. - 2022.12.31.** web application using Entity Framework and ASP.NET

[01/09/2019 – 29/02/2024] **Python programming**

2019-PICAI-KFI-2019-00506 project

- **2023.03.01. - 2024.02.29.** predicting CVD coating using tabular data

EFOP-3.6.1-16-2016-00015 project

- **2019.09.01. - 2022.06.30.** object detection using a camera

[09/2019 – Current] **System operation**

configuring Debian-based Linux servers

- managing virtual machines in the industrial laboratory of our campus
- provide support to the eKanizsa web application
- provide support to the Water 4.0 data collection system

[01/09/2018 – 31/01/2020] **Android application development**

development of 2D game software using LibGdx in Java language