PETER SZABO

I am currently a student of a triple degree Master Program in Image Processing and Computer Vision. I am very keen in Computer Vision, especially in Deep Learning and CNNs. I am currently looking for an opportunity to apply my knowledge in research and continue to deepen my expertise.

EDUCATION

Erasmus Mundus Masters in Image Processing and Computer Vision
2019 - Present

PPCU, Hungary · UAM, Spain · Ubx, France

Specialized Erasmus Mundus Joint Master's degree with a wide reach of topics. Current GPA of 4.55. http://ipcv.eu/

Molecular Bionics Engineering B.Sc
2015 - 2019

PPCU, Budapest Hungary

WORK EXPERIENCE

Full-stack developer
June 2019 – Jan. 2020

MODIT zrt.

Digitization of Hungarian Adaptation System in Java EE and Angular.

Research Intern
Feb. 2018 - Jan. 2019

SZTAKI (Institute for Computer Science and Control)

Paid research internship at Machine Perception Research Laboratory (Hungarian Academy of Sciences) as a part of a medical image processing project, called: zMed.

Contact person, board member
Jun. 2019 – July 2020

EESTC LC Budapest (international student association)

PROJECTS AND ACHIEVEMENTS

FaceQNet:
An ongoing project about no-reference, end-to-end automatic quality assessment system for facial recognition in deep learning framework.

3D Reconstruction of the Hepatic Vessels:
Automatic segmentation and labeling of hepatic vessels from raw CT images.

Object Detection and Tracking: [code]
With Kalman filter and histogram-based approaches

3D Scene Reconstruction through Multiple Images [code]
3D Scene reconstruction from multiple images and camera calibration

More information on my personal website

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fjuzi22@gmail.com

SKILLS

Python, Matlab, C++, Java, Html, Javascript

OpenCV, Keras, Pytorch, Sckit

Latex, Linux

Academic writing

self learning and management, teamwork, communication skills, problem solving, teaching

LANGUAGES

English: professional proficiency
German: conversational
Hungarian: native
Spanish: beginner

AWARDS

Erasmus Mundus Scholarship (2019)

3rd place at **National Conference of Student Research Societies** in Hungary (2019)

UNKP scholarship New National Excellence Program by of the Ministry of Human Capacities of Hungary (2018)

Honours Bachelor degree (2019)

For more information about the projects open the QR cod