

# 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 [\[code\]](#)

More information on my personal website



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## 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)

3<sup>rd</sup> 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 code