

Máté Siket, PhD

✉ | ✉ siket.mate@gmail.com | Birthdate: 1994.04.

Professional Experience

2025-	Postdoctoral researcher , Obuda University, John von Neumann Faculty of Informatics
2024-2025	Postdoctoral researcher , Illinois Institute of Technology, Engineering Center for Diabetes Research and Education, (Chicago, USA) Work sample: 📄 Repo link
2018-2023	Development engineer, research associate , HUN-REN SZTAKI, Computational Optical Sensing and Processing Laboratory, (Budapest, Hungary)
2016	Biomedical engineer , Medres Kft. (Budapest, Hungary)

Education

PhD studies	2019-2023
OBUDA UNIVERSITY	Budapest, Hungary
<ul style="list-style-type: none">Title: Model-based investigations of physiological systemsDoctoral school: Applied Informatics and Applied Mathematics	
Biomedical Engineer MSc	2017 - 2019
BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS	Budapest, Hungary
Mechatronic Engineer - Erasmus programme	2017
LAPPEENRANTA UNIVERSITY OF TECHNOLOGY	Lappeenranta, Finland
Mechatronic Engineer BSc	2013 - 2017
BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS	Budapest, Hungary

Awards, Grants

2023	Baltazár Frankovic Young Researcher Award , Óbuda University, Hungarian Fuzzy Association
2021, 2023	PhD Student Award , ELKH SZTAKI
2021, 2022	New National Excellence Programme , National Research, Development, and Innovation Office

Skills

Foreign languages:	English (Full Professional Proficiency)
Programming languages:	Python, C++, Qt, Matlab
Document editor:	Microsoft Office, LaTeX
Experience in:	signal processing, time series data, pharmacokinetic and pharmacodynamic modeling, clinical data analysis, machine learning, deep learning (PyTorch, Tensorflow), MongoDB, numerical simulations, digital imaging, image processing, medical study design, Linux-based systems, Git