

BERTOLD CSABA PÁL

MEDICAL DATASCIENCE INTERN

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SUMMARY

Radiomics and medical image analysis enthusiast at Budapest University of Technology and Economics, specializing in deep learning and actively collaborating on medical research projects.

PROFESSIONAL EXPERIENCE

Medical Data Science Intern, HSDSLab	Sept 2024 - Aug 2025
- Designing and implementing end-to-end radiomics pipelines (image preprocessing, feature extraction, analysis) - Applying deep learning techniques to medical imaging tasks (segmentation, classification) - Preprocessing and analyzing DICOM and NIfTI medical imaging formats - Collaborating with clinicians (MDs) to define clinical questions and translate them into computational workflows - Performing data cleaning, integration, and statistical analysis of imaging and clinical data	

PROJECTS

- Radiomics analysis of small cell lung cancer nodules (feb 2025-present) - Radiomics research into linking acute pancreatitis and Diabetes Mellitus (sept 2024- present)

SKILLS

Deep learning for radiomics and medical ROI segmentation	Radiomics (end-to-end)	Medical image processing/analysis
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EDUCATION

Bachelor of Arts in International Business	Sept 2021 - Jul 2025
Budapest University of Technology and Economics Relevant coursework in programming, deep learning, image processing, traditional machine learning	
Master of Science in Biomedical Engineering	Sept 2025 - present
Relevant coursework in programming, deep learning, image processing, traditional machine learning	

ADDITIONAL INFORMATION

- Languages: English (C1), Hungarian (native) - Awards/Activities: - ÚNKP (NEW NATIONAL EXCELLENCE PROGRAM) (2023) - BME TDK - Marketing Section (2023) 3rd place - OTDK - Economics - AI in Marketing Section (2025) 3rd place
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