Philip Johannes Gouverneur

Curriculum Vitae

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Date of Birth: 30.08.1993

Education

2019–present **Doctoral studies, Universität zu Lübeck**, *Institute of Medical Informatics*, Lübeck.
Thesis Title: Machine Learning Methods for Pain Investigation Using Physiological Signals
Status: In the writing phase

2016–2019 **M.Sc. Computer Science, Universität Siegen**, *Pattern Recognition Group*, Siegen.
Thesis Title: Attention-based approaches for interpretability of CNN models for human activity recognition
Graduation grade: 1.5

2013–2016 **B.Sc. Computer Science, Universität Siegen**, *Pattern Recognition Group*, Siegen.
Thesis Title: Classification of physiological data for emotion recognition
Graduation grade: 2.2

2004–2013 **High School**, *Abitur*, Gymnasium der Stadt Kerpen, Kerpen.

2000–2004 **Primary School**, St-Elisabeth-Schule, Blatzheim.

Work Experience

Mar. 2019 – present **Research Assistant**, *Institute of Medical Informatics*, Universität zu Lübeck, Lübeck.
Task: Investigate and develop automated systems for pain classification in the frame of the BMBF project 'PainMonit' (Förderkennzeichen: 01DS19008A)

Jan. 2017 – Feb. 2019 **Student Assistant**, *Pattern Recognition Group*, Universität Siegen, Siegen.
Task: Lead WP6 "Data Fusion, Analytics and other Services": organisation and implementation of a DSS in the frame of the Horizon 2020 project 'my-AHA' (`https://doi.org/10.3030/689592`)

Aug. 2011 – Dec. 2016 **Part-time job**, *McDonalds*, Kerpen, Deutschland.

Projects

PainMonit **Multimodale Plattform zum Schmerzmonitoring in der Physiotherapie**, *BMBF*, Project proposal; Lead implementation WP1.

ScreenFM **Sensorplattform zur automatischen Erkennung von Fidgety Movements für ein flächendeckendes Screening von Säuglingen**, *BMBF*, Project proposal and report.

my-AHA **my Active and Healthy Living**, *EU Horizon 2020*, Lead WP6 "Data Fusion, Analytics and other Services".

Supervision

Master **Laura S.**, *ECG Data Analysis using Convolutional Denoising Autoencoders*, 2023.

Bachelor **Sarah D.**, *Predicting Postprandial Blood Sugar Level Using Neural Networks*, 2020.
Rica S., *Analysis of Blood Glucose Responses to Meals in Terms of Circadian Rhythmicity*, 2021.
Jennifer S., *Music4Pain - Classification of Heat-Based Pain in Combination with Music*, 2023.
Bjarne C., *Deep Learning Techniques for Automated Pain Regression using Physiological Signals*, 2023.
Jasmin W., *Data Augmentation Techniques for Automated Classification of Pain*, 2023.

Courses **Medical Data Science**, *Exercise*.
Medical Information Retrieval, *Exercise*.
Einführung in die Medizinische Informatik, *Exercise*.
Bachelor Seminar, Medical Informatics, *Organisation & Supervision*.
Master Seminar, Medical Data Science & eHealth, *Organisation & Supervision*.