

EXPERIENCE

<b>BAWAG Group</b> <i>Marketing Data Scientist &amp; Automation Engineer · Contract · Part-time</i> <ul style="list-style-type: none"><li>Performed unsupervised topic modeling on 100k+ internal emails to identify automation opportunities.</li><li>Led a cross-functional automation project, designing and deploying a custom front- and backend solution.</li><li>Built an app notification dashboard used for monitoring engagement KPIs and marketing initiatives across 1M+ app users.</li></ul> <div>Python · SQL · Git · Airflow · PowerBI · Jenkins</div>	Vienna, Austria Sep 2024 - present
<b>Medical University Vienna</b> <i>Research Assistant Medical Data Science · Volunteering · Part-time</i> <ul style="list-style-type: none"><li>Co-authored 2 peer-reviewed journal papers on medical AI applications.</li><li>Developed a secure <a href="#">web app</a> which enabled external institutions to batch-predict outcomes for 10k+ patients without model access.</li><li>Released a <a href="#">PyPI package</a> for deep-learning-based marker extraction from SPECT/CT scans, supporting reproducible research.</li></ul> <div>Python · Git · CUDA · Docker</div>	Vienna, Austria 2024 - present
<b>BAWAG Group</b> <i>Data Science Intern · Contract · Part-time</i> <ul style="list-style-type: none"><li>Designed, implemented and validated several marketing mix models for budget optimization.</li><li>Performed keyword extraction on unstructured customer survey responses using traditional NLP techniques.</li><li>Implemented and monitored data pipelines in Airflow across all online marketing channels, ensuring reliable daily reporting.</li></ul> <div>Python · SQL · Git · Airflow · PowerBI · Azure</div>	Vienna, Austria Nov 2023 - Aug 2024
<b>University of Klagenfurt</b> <i>Tutor in Econometrics and R Programming · Contract · Part-time</i> <ul style="list-style-type: none"><li>Conducted weekly tutorials for 42 students, demonstrating practical examples with R notebooks complementing the lecture.</li><li>Contributed towards improvements in grade average (4.1 to 3.21) and pass rate (78% to 90%) compared to previous year.</li></ul> <div>R · LaTeX</div>	Klagenfurt, Austria May 2024 - present

EDUCATION

<b>Vienna University of Technology</b> <i>M.Sc. Data Science</i> <ul style="list-style-type: none"><li>Major: Machine Learning, Minor: NLP and Knowledge Graphs</li><li>Current GPA: 1.35/5</li></ul>	Vienna, Austria Oct 2023 - Jul 2026 (expected)
<b>University of Klagenfurt</b> <i>B.Sc. International Business &amp; Economics</i> <ul style="list-style-type: none"><li>GPA: 1.19/5 (graduated with distinction)</li><li>Academic Excellence Scholarship (2×750€, 1×1 250€)</li><li>Joint Study Scholarship (worth \$22 700)</li></ul>	Klagenfurt, Austria Oct 2020 - Jul 2023
<b>University of Illinois at Urbana-Champaign</b> <i>Exchange Program</i> <ul style="list-style-type: none"><li>GPA: 3.87/4</li></ul>	Illinois, USA Jan 2022 - Jun 2022

PUBLICATIONS

1. Clemens P. Spielvogel, Markus Koepler, David Haberl, Marcus Hacker, Raffaella Calabretta, Rene Rettl. Impact of disease-modifying therapy on <sup>99m</sup> Tc-DPD SPECT/CT markers in transthyretin cardiac amyloidosis enabled by artificial intelligence. <i>Journal of Nuclear Medicine</i> , vol. 66, supplement 1, pp. 251305–251305, 2025.	
2. Clemens P. Spielvogel, David Haberl, Josef Yu, Juliane Hennenberg, Kilian Kluge, Jing Ning, Katarina Kumpf, Markus Koepler, Tatjana Traub-Weidinger, Christian Hengstenberg, Marcus Hacker, Raffaella Calabretta, Christian Nitsche. A multi-modal machine learning approach for identifying at-risk populations for cardiac amyloidosis. <i>Journal of Nuclear Medicine</i> , vol. 66, supplement 1, pp. 251274–251274, 2025.	

SELECTED  
PROJECTS

<b>Latent Causal Dynamics for Model-Based Reinforcement Learning</b>   Python · PyTorch <ul style="list-style-type: none"><li>Implemented code for the publication <a href="#">Latent Causal Dynamics Model for MBRL</a> from scratch.</li><li>Reproduced benchmarks comparing the proposed algorithm to model-free alternatives.</li></ul>	Sep 2025
<b>Skin Cancer Classification</b>   Python · TensorFlow · Keras · OpenCV · Scikit-Learn <ul style="list-style-type: none"><li>Benchmarked VGG16-inspired CNNs with and without soft-attention mechanism on classification of dermatoscopy images.</li><li>Achieved on average a 1.5% improvement in F1-scores by incorporating soft-attention module.</li></ul>	Jun 2023

CERTIFICATES

<b>Coursera:</b> IBM Databases (SQL and Python) · Google Professional Data Analytics · The Nuts and Bolts of Machine Learning <b>DataCamp:</b> Building Pipelines with Docker · Intermediate SQL · Introduction to R	
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