

Herikc Brecher, Machine Learning Engineer

herikcbrecher@outlook.com.br

PROFILE

Dynamic Computer Vision Engineer with over 4 years of experience in AI and data science, dedicated to driving innovation through the development of scalable machine learning pipelines. Expertise in Python, TensorFlow, and PyTorch, coupled with a strong foundation in deep learning and traditional computer vision techniques, enables the delivery of impactful solutions. Proven ability to collaborate with cross-functional teams to tackle complex business challenges and enhance operational efficiencies. Committed to leveraging cutting-edge methodologies and cloud architectures to build reliable AI systems that significantly improve productivity.

EMPLOYMENT HISTORY

Apr 2024	Mid-Level III Computer Vision Engineer, Deloitte	São Paulo/SP
In the current role as a Computer Vision Engineer, focus is on developing advanced solutions that leverage deep learning and traditional computer vision techniques. This position involves collaborating with cross-functional teams to understand and address business challenges through innovative technology applications.		
<ul style="list-style-type: none">Contributed to the design and development of computer vision systems that enhance operational efficiencies, resulting in measurable improvements in productivity.Implemented state-of-the-art algorithms for image classification and object detection, achieving significant accuracy enhancements.		
Aug 2021 — Mar 2024	Mid-Level II RPA Developer, Deloitte	São Paulo/SP
While serving as an RPA Developer, responsibilities included automating business processes using various RPA tools. This role required a thorough understanding of the business processes to identify automation opportunities and deliver effective solutions.		
<ul style="list-style-type: none">Successfully automated multiple workflows, leading to a reduction in processing time by over 30%.Collaborated with stakeholders to gather requirements and ensure that the automated solutions met business needs and compliance standards.		
Oct 2020 — Aug 2021	Entry-Level RPA Developer, BRF	Itajaí/SC
<ul style="list-style-type: none">Created an RPA system that connected to various APIs and web services to capture and process data, resulting in a 99% improvement in data accuracyDeveloped and implemented a robotic process automation (RPA) system that automated more than 50 manual tasks, resulting in a 99% improvement in operational efficiencyDeveloped an artificial intelligence-driven RPA system that reduced the need for manual intervention by 95%		

EDUCATION

Apr 2023 — Apr 2024	Postgraduate in Artificial Intelligence, Machine Learning and Deep Learning, Infnet Institute
Feb 2017 — Dec 2022	Bachelor's in Computer Science, University of the Itajaí Valley
Feb 2021 — Feb 2022	Data Scientist Training, Data Science Academy

SKILLS

Data Science	SQL
Deep Learning	Python, C++, C#, Java
AWS, Azure, GCP, Docker	Tensorflow, Scikit-Learn, Pytorch, Keras, Spark
Git	YOLO, Faster R-CNN, Mask R-CNN
Power BI, Tableau	

LANGUAGES

English	C1	German	A2
---------	----	--------	----