rafafelix
machine learning specialist

about
North Terrace
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Australia

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languages
native portuguese
english & spanish
fluent
mandarin – *learning*

programming
Python, C/C++
pytorch & tensorflow
Matlab, Java

interests

deep learning, open-set recognition, {generalized,zero,few,one}-shot learning, transfer learning, domain adaptation, adversarial learning

education

since 2016	**Ph.D. candidate** in Computer Science	The University of Adelaide
	Optimization/Regularization for Generalized Zero-shot learning.	
2013–2015	**M.Sc. in Electrical and Computer Engineering**	Uni. Presbiteriana Mackenzie
	Majoring in Computer Engineering	
	Specialization in Machine Learning	
2008-2011	**B.Sc. in Information Systems**	Unimontes
	Majoring in Information Systems/Computer Science	

experience

since 2016	**Australian Centre for Robotic Vision**	PhD Researcher.
	Visual Learning.	
since 2018	**The University of Adelaide**	Lecturer.
	P/T Lecturer on Foundations of Computer Science.	
01–06, 2016	**Instituto Eldorado, Brazil**	ML-Analyst
	Outsourced for Motorola BR.	
	Machine Learning for Mobile Applications.	
04–12, 2015	**upLexis**	ML-Developer.
	Machine Learning for WebCrawling.	
2013–2015	**Sincronica**	M.Sc. Researcher.
	Machine Learning for Document Analysis.	

applications

2018	**cycle-WGAN**	rfelixmg/frwgan-eccv18
	Generalized Zero-Shot Learning model for classification of novel classes	

publications

2018	**Multi-modal Cycle-Consistent Generalized Zero-Shot Learning.**	ECCV
	Felix, Rafael and Kumar, BG Vijay and Reid, Ian and Carneiro, Gustavo	
2015	**Thresholding the Courtesy Amount of Brazilian Bank Checks Using a Local Methodology.**	PAAMS
	Felix, Rafael, Leandro Augusto da Silva, and Leandro Nunes de Castro	