Bella Nicholson

• Amsterdam, Netherlands	& bellanich.github.io	in bella-nicholson	• bellanich	American
A resourceful and results-orien deploying production-ready MI ence and edge deployment. Ex	L solutions across diverse tech	environments. A life-long	learner who's well-ve	
EXPERIENCE				
Machine Learning Engineer	// Brenntag // 🛗 Nov 202	23 - Present	♀ An	nsterdam, Netherlands
At the world's leading chemical dis Migrated a €30M+ annual reven Developed a real-time notificati Standardized quality controls acc	nue Al assistant to a more cost-effe on system to monitor critical ML jo	ective and secure AWS platforous and model metrics, improve	rm, reducing operationa ving system visibility ar	
Machine Learning Consultar	nt // Deloitte // 🛗 Sept 2	021 - Oct 2023	♀ Am	nsterdam, Netherlands
As a contracted ML engineer, I opt Increased system robustness of Launched a self-paced, ML-focus Centralized model storage and e	a Dutch e-classified ads platform 's sed coding training website to stan	s "For You" recommendation endardize and improve code qu	engine with ML Enginee ality across Deloitte NL	
Machine Learning Research	Intern // Crunchr // 🛗 J	lan 2020 - Aug 2020	♀ Am	nsterdam, Netherlands
At a people analytics platform, I co Built a proof of concept represe Demonstrated approach validity	ntation learning process to encode	e relational database entities f	or improved downstre a	m ML performance
Computer Vision Intern //	Cubelizer // 🛗 June 2017 -	July 2017		♀ Madrid, Spain
As part of a Google-backed edge c Developed a video stream-based Applied image processing and cla	d object detection method in comp	oliance with EU privacy regula		ation:
PROJECTS				
Pocket Multi-Modal Large L Deployed a custom embedded, Extended an open source hardw Documented the project implem Transformers Decoded: A G Developed a comprehensive stu	vision-text foundation model acro vare-optimization framework to qua- nentation, including application solu- buide to Optimizing Large La	antize and optimize a new mu ution prototyping, in a detailed	lti-modal Large Langua d 4-part blog post serie	S
Covered LLM inference optimization				
EDUCATION				
Master of Science, Artificial	_	0.0		
university of Amsterdam	Cum laude (8.0/10.0)			msterdam, Netherlands
 Courses on AI, including Deep Lo Thesis on "Interpretable Representations or "Interpretable Representations" or "Interpretable Representations or "Int				norcement Learning
Bachelor of Science, Biomed	dical Engineering			
The College of New Jersey		8/4.0)	May 2018	Ewing, New Jersey, USA
SKILLS				
Programming languages & Python, Git (2016-present), Ba present), Terraform (2023-pres (2019-present), Docker (2022)	ash (2018- Amazon Web S eent), SQL Google Cloud I	Ops platforms Services (2021-present), Platform (2022-present), cks (2022-present)	PyTorch (2018-pre present), FastAPI	meworks sent), PySpark (2022- (2021-present), Ten- 2022), Keras (2022)
English 100%	Spanish 75%	German	□ 60% Russ	ian 50%