UTC-8 ps://github.com/		+res@protonmail.com (+1)	
I'm an experienced Softwar	es Engineer / Data Caio	ntist with passion for	intendicainlinen
work in environmental, so	-	-	
Skills/Experience			
Machine Learning Data Science	Prototypes Linux Systems	Remote Work Education/Mentoring	Ticketing Systems Rubber Ducking
Technologies			
Python/PyTorch/sklearn C/C++	R/dplyr Angular/NativeScript	skimage/scipy.signal Docker	/Dwarf/ AWS/GCP/firebase
	- Scientific Progr	rammer N	May 2022 - present
ML & Research develope			
		llite scene metadata for	_
		mic prototype code to p	
-		with results from ob tellite image providers	·
_		rategies & practices for	
beveroped inter departs	mental collaboration st	racegres & practices 10.	t international tea
	- Machine Learning	Researcher March	2020 - April 2022
Performed DL/ML researd	-	lity detection & decomp	ilation legibility task
		e distributed over cloud	
		research publications	
Participated in authori	ing & reviewing /	proposals for /	solicitations
	- Mobile / Full St	ack Engineer March	2019 - March 2020
Developed	, a x-platform citi	zen sciencery app to su	oport ecology research
Developed core tools for	or tracking	sightings & individual	identification
Contributed to data acc	cess API, supporting re	searchers in population	ecology projects
	Constructs Date Co	riana Tabana Tan	2010
	- Graduate Data Sc		2018 - Sept 2018
	_	to eliminate weeks in	
Designed & completed pr	rototype from research	papers & advisement of	top employees
	- Graduate Researd	ch Assistant Oct	: 2017 - June 2018
Analyzed relationship of		populations for menopau	
		vey & fMRI data, support	-
	-	trainings for teams with	-
5 -, 1 - 5-0	,		<u> </u>
Graduate Research	- Machine Learning	g (Audio Data) Seg	ot 2017 - Dec 2019
Developed VAEs and anor	maly detectors for mari	ne acoustics from signa	l processing research
Developed track 6	explorer, enabling rese	arch on 10 year (12 TB)	continuous audio track
Measured effects of spe	ectral subtraction & de	ep noise reduct <u>ion</u> tech	niques on ML models
Led & enabled a four we	eek community data deep	dive, through, on	marine acoustics
	Wel	man (Canault-ut :	In. 2015
Dorroland mamata acces	- Volunteer Develo	-	Nov 2015 - present
		tiscape light sources for infant hypoxic	
		sts for infant hypoxic : code optimization, NLP	
rrovided technology tra	armings/comsurcacion on	code opermizacion, NLP	, a rmage processing
	- R&D Software Eng	gineer Apri	il 2014 - Dec 2015
Developed processing pi	_	<u> </u>	for programs
		ate new probabilistic p	
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	. ,		, . ,

University

University

Computer Science & Machine Learning

Masters of Science

Computer Science & Cryptography

Bachelor of Science, Math Minor