Vera Worri

CTO & Problem Solver

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https://github.com/Vworri

Mission Statement

 Problem solving is my wheelhouse. Because of my background in Physics, I focus my efforts on truly understanding the scope of the problem and reducing it to the most important and impactful features/aspects. I have been in the government space for the last few years and have worked on a lot of interesting research as I have developed exciting technologies for my company.Through this, I am able to rapidly design and implement prototypes that are stable enough to build on. I take pride in listening to the business and our customers in order to create work that benefits both parties.I enjoy creating value from what already exists and planning out execution to make it happen. My focus is to grow the business while actively monitoring risk.

SOFT SKILLS

1.	Read legacy code

2.	Execute work independently

3.	Team leadership

4.	Inter-departmental interface

5.	Writes documentation/ requirements

6.	 Flexible

EXPERIENCE

QTalo, Herndon, V.A. — *CTO*

06 2023 - PRESENT

My role entailed testing and evaluating emergent technologies, interfacing with other parts of the business to ensure alignment. Advising and prototyping based on feedback and ideas from other sides of the business.

I'm also responsible for all aspects of technical delivery and O&M of our core products.

Researched, scoped, and wrote project proposals that were accepted by the NIST.
NLP, LLM, GOLANG, Feature research, Leadership, recruitment, Technical Proposals, Innovation,

Gradient Zero, Herndon, V.A. — *R&D Technical Lead*

09 2022 - 06-2023

Technical lead for the R&D team. My responsibilities included executing the contracts, keeping track of milestones, architecting more stable and sustainable approaches, and

Researched, scoped, and wrote project proposals that were accepted by the customer resulting in funding
signal processing, low level computation, audio processing, image processing, Golang, C/C++, Linux/ Android,

Gradient Zero, Herndon, V.A. — *sr Research Engineer*

08 2021 - 09 2022

Lead developer of the R&D department. Researched, designed, and developed prototypes for customers using various technologies.

Researched, scoped, and wrote project proposals that were accepted by

LANGUAGES

C\C++, Golang, C#\.Net Core, Bash, Python, Javascript, Typescript, SQL

Technologies

Docker, Linux, AOSP/Android, simple signal processing

the customer resulting in funding
signal processing, low level computation, audio processing, image
processing, Golang, C/C++, Linux/ Android,

Radical Convergence, Reston, V.A. — *sr Research Engineer*

10 2019 - 08 2021

Main developer of the R&D department. Researched, designed, and developed prototypes for customers using various technologies.

Did research for project proposals

GUI development, signal processing, low level computation, audio processing, Golang

Kyrus Tech, Sterling, VA — *Research Engineer*

12 2018 - 10 2019

Reading through and understanding a large, legacy codebase.

Worked on speeding up the ingestion process of a large amount of data.

I also helped implement an automated build system.

Designed and built an automated work pipeline to keep track of processes that needed to be done sequentially.

Python3, Docker, MongoDB, Flask, Hug

Covenant Transportation Group, Chattanooga, TN —Software Developer

06 2017 - 12 218

I build REST APIs in Go, .Net, .NetCore, Flask.

Wrote SQL for reporting, data service, data processing.

Deployed and maintained services in Docker containers and maintained Linux servers.

Built enterprise level applications for the purpose of selling services to more customers.

Docker, Golang, .Net, .NetCore, Python, SQL/PostgreSQL, C#, Bash

EDUCATION

Eckerd College, St.Petersburg, FL — *B.S. Physics / minor: Mandarin*

08 2010 - MONTH 2014

Majored in Physics and minored in Mandarin. Learned problem solving skills and gained computational experience.

PROJECTS

Eavesdrop — *Python/ tshark/ Ncurses*

Packet Sniffer that collects network data and parses through it.

[Onion Hash Solver](#) — *Go*

Can create and solve onion hashes.

[Compound Pendulum](#) — *Python, QT*

Written in Python, this application takes in initial system parameters and models a pendulum with a magnet at the bottom of the movement.