

# Vera Worri

Research and Development Technical Lead

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<https://vworri.github.io/>

<https://github.com/Vworri>

## Mission Statement

I am solutions focused. I love problem solving and building solutions that are robust and maintainable. When I endeavor to create an elegant solution. With my focus on research and understanding the problem space, the value I create is in knowledge that is shared throughout the company.

## EXPERIENCE

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

09 2022 - PRESENT

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 - PRESENT

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 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

## SOFT SKILLS

1. Read legacy code
2. Execute work
3. Leadership
4. Flexible
5. Communication

## LANGUAGES

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

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.