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Summary

A **software engineer** with a confident grasp of **infrastructure**, **system design**, and **DevOps**, now seeking opportunities to excel in the realms of solution architecture.

Open to roles ranging from **software engineering** to **DevOps**.

Skills

Programming Languages

C / C++ • Rust • Python • Shell Scripting • JavaScript / TypeScript

Software Development

Agile • Git

Data Analysis

Data Visualization • Statistics

System Development

Embedded • Distributed Systems • BSD / Linux / Unix like

Database Management

noSQL • SQL • Blockchain

Web Development

HTML/CSS • Node.js • rocket.rs • Vue.js

Languages

French ●●●●●

English ●●●●○

German ●●○○○

Hobbies

kernel dev • low level-ish dev • resurrecting old tech

music • playing the guitar • cooking

Violette Paulin

Education

2021 – Current

Polytech Annecy Chambéry

M.Sc. Computer Science
Informatic Data Usage

2023 – Current

Sherbrooke University

M.Sc. Computer Science

Relevant Experience

2023 May. – 2023 Aug.

R & D engineer @ LISTIC Annecy

- Building a distributed caching system, and storing logs within a Blockchain
- Internship in a informatic research laboratory
- Supervised by Sébastien Monnet & Kavé Salamatian

Distributed System design • Rust • Blockchain Programming • Web programming - backend & frontend • Self teaching

2022 May. – 2022 Jul.

SEO agent @ BIWA Annecy

- Optimise web ranking of different websites

Autonomy • SEO

School related Projects

2021 – **kr00k**

- Proof of concept for a security vulnerability (CVE-2019-15126)
- Used as my final projects for MPSI / MP classes.

Cybersecurity • Python • Self teaching

2023 – **DHTea**

- Distributed hash table
- Written in rust from scratch
- Stores files / data

Rust • Distributed system • Self teaching • Git • Shell scripting

2022 – **Proxy**

- Proxy
- Written in Python and Rust

Teamwork / Team management • Git

Notable Personal Projects

2020 – **Discord Bot**

- Automate actions during class
- Useful for our teachers
- List people attending class
- Wishes birthday to our teachers

Python • Teamwork • Git