

Soc Virnyl S. Estela

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I am aiming to become a software developer and engineer to gain professional experience in order to actively contribute to the open source ecosystem. I also want to build relationships between technology and people to bridge the gap between users and software.

Hard Skills

Languages: Rust, Julia, Python, Bash, HTML/CSS

Tools: Git, Github, Vim/Neovim, Trello, Linux package managers (Zypper, Pacman, DNF, Apt), Distrobox

Soft Skills

- Loves to collaborate with others.
- Loves to write things in detail.
- Loves to experiment methodologies.
- Open for improvement and fixing mistakes.
- Always open to learn.
- Always curious.

Open Source Experience

Packaging

openSUSE

📅 Jul 2022 – Present 🐉 openSUSE

I am a maintainer for various openSUSE packages for Zig, Julia, Juliaup, Wezterm, Zola, Zellij, Helix and 20+ more packages. This taught me about RPM with the mentorship of [William Brown](#) from SUSE.

Rust Rewrite of OBS Service Cargo Vendor

openSUSE

📅 Aug 2023 – Present 🌐 GitHub

OBS Service Cargo Vendor vendors all crates and dependencies for Rust projects locally, used for packaging Rust software in openSUSE. Rewrote from Python to [Rust](#) with guidance from [William Brown](#) from SUSE, enabling better error handling and improving performance.

Organization Admin and Member

Waycrate

📅 February 2022 - Present 📍 Website

Interests

- Contributing and giving back to open-source software.
- Teaching people about open source software.
- Learning fingerstyle guitar during my free time.
- Reading web comics.

Education

B.Sc. Biology, Major in Microbiology

Cum Laude

Mindanao State University - IIT

📅 Aug 2018 - Jul 2022 📍 Philippines

DOST Philippine Science High School Scholar

Philippine Science High School - CMC

📅 May 2012 - May 2018 📍 Philippines

- Proficiency in Biology (1.5), and Computer Science (1.25).

Personal Projects

Hyperskill

📅 Jun 2020 – Jan 2021 🌐 GitHub

A repo of all my old Python puzzle solutions, and projects during [JetBrains](#) and [Hyperskill](#)'s open beta test for their code learning platform. This allowed me to learn Python libraries such as [Django](#), [SQLAlchemy](#) and of course, some of Python's standard libraries such as [argparse](#) and [itertools](#).

Rypper

📅 Jul 2022 – Present 🐉 Codeberg

An alternative package manager for openSUSE written in Rust. Currently, it is able to read [repometadata](#) files in XML format, and [repoconfig](#) files in INI format. This is checked through several unit tests for validity or invalidity. Paused in hopes to contribute first to [rpmrepo_metadata](#) and [rpm-rs](#).

Hare bindings for Libnotify

📅 Nov 2022 🌐 SourceHut

Experimented with [Harelang](#) bindings and [libnotify](#). The project is now considered ready for usage as it contains a clone also for the [notify-send](#) tool.

Otap

📅 July 2023 🐉 Codeberg

A client library written in Rust for [OpenBuildService](#). Currently a work in progress.