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.