





# Soc Virnyl Estela

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Open Source Developer. Avid user of Julia and Rust. Learning and experiencing more about software development and distributing software.

## Open Source Experience

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### Packaging

*openSUSE*


 Jul 2022 - Present


 openSUSE

- Packaged 20+ software applications at openSUSE Build Service.
- Learned RPM Packaging with the mentorship of William Brown from SUSE.

### OBS Service Cargo Vendor


*openSUSE*

 Aug 2023 - Present

 GitHub

- Rewrote OBS Service Cargo Vendor to Rust which allows saner error handling. This utility makes it easier to package Rust software in openSUSE.

### Documenter.jl

 Jul 2022

 GitHub


- Implemented Codeberg CI/Woodpecker CI support for Documenter.jl in PR #1880 to generate Julia project documentations for users that use Codeberg CI and Woodpecker CI.


## Work Experience

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### College Instructor

*Misamis University*

 Aug 2022 - Present

 Mindanao, Philippines

Teaching students in the field of Biology and Chemistry.

## Technologies

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Rust, Julia, Python, RPM Packaging, Podman, Docker, Git, Linux, Bash, sh, SSH

## Projects

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### Rypper

 Jul 2022 - Present

 Codeberg

A **work in progress** *alternative package manager* for openSUSE written in Rust.

### qoi.cr

 Jul 2023

 GitHub


Implemented a Crystal library for the Quite Okay Image Format (QOI).


## Education

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### Higher

*Mindanao State University - IIT*

 Aug 2018 - Jul 2022

 Mindanao, Philippines

Achieved Latin honors as **Cum Laude** with undergraduate degree of B.Sc. Biology Major in Microbiology.

## Interests

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- Advocating open source software.
- Reading programming books.
- Reading and writing tech posts and blogs.