

AGATHA LOVELACE

Agatha@technogothic.net

Last Updated on 4th March 2022

LINKS

Website: technogothic.net

Gitea: [sorceress](#)

GitHub: [AgathaSorceress](#)

SKILLS

LANGUAGES

High Proficiency	Rust
	Haskell
	Java
	Python
Medium Proficiency	HTML
	CSS
	Crystal
	JavaScript
	C++

TOOLS

Git, Bash, Systemd, Nginx, 11ty

LANGUAGES

UKRAINIAN

Native

RUSSIAN

Native

ENGLISH

Self assessment: C1-C2

GERMAN

Self assessment: A1

EDUCATION

████████ HIGH SCHOOL

(name available at employer request)

Graduated May 2021

PROJECTS

ASBESTOS REMOVAL Java

A Minecraft mod written in Java using Fabric about asbestos, its removal and potential side effects of exposure.

12,000+ Downloads

<https://www.curseforge.com/minecraft/mc-mods/asbestos-removal>

DOMAINIE Rust

A highly customizable domain name idea generator written in Rust with synonym lookup using Merriam-Webster API.

<https://git.lain.faith/sorceress/Domainie>

VACUUM TUBE Python

A small, easily configurable command line tool that concisely displays information about your Borg backups and supports remote servers via ssh.

<https://git.lain.faith/sorceress/vacuum-tube>

DISCORDINATOR Rust

A Discord bot written in Rust using Serenity. Includes utility commands for adding spoilers to attachments, retrieving user avatars, emotes and pinned messages, dynamically generating message embeds from TOML and more.

<https://git.lain.faith/sorceress/rustcord>

OTHER EXPERIENCE / SKILLS

LINUX SERVER MAINTENANCE

Systemd, Nginx, PHP-FPM

Currently hosting/maintaining:

- Personal website
- 2 php web applications
- 2 Discord bots (Rust, Python)
- 2 Mastodon bots (Custom mstdn-ebooks fork)
- A Cross-chat bridge
- A Minecraft server

~5 years of experience with Linux systems on desktop and servers, including configuring systems from the ground up and reliably automating background tasks.

REVERSE ENGINEERING REST APIS AND ELF BINARIES

Reverse engineered multiple pieces of malware (Mostly, obfuscated Node.js programs bundled into .exe files) in the past.

I have been able to successfully remove personal information from websites that do not provide an account deletion process using undocumented and unexposed website APIs.