Samuele Vignoli

Undergraduate Physics Student

About

- Trieste, Italy
- samvignoli@proton.me
- liminaltheater.com
- D4wnstar

Languages

Italian *(Native)*
English *(Cambridge C2)*
German *(Basic)*
Japanese *(Basic)*

Programming languages

Rust (Intermediate)

Python (Intermediate)

TypeScript (Intermediate)

Fortran (Basic) Julia (Basic)

Web development

Intermediate
TypeScript Tailwind CSS SvelteKit
Vercel Tauri

Databases

Basic
SQLite Postgres Turso Supabase

Game dev

Basic
Godot Bevy

Linux

Intermediate
Bash Fish EndeavourOS <3

Summary

Undergraduate Physics student at the University of Trieste. I am interested in scientific computing, complex systems and interactions, chaos and open-source software. Fluent in Italian and English, experienced in Rust, Python, Julia, and modern web tech with SvelteKit. I'm a curious jack-of-all-trades that learns fast and is always keen on finding unlikely connections between things.

Open Source Projects

WISP · https://github.com/D4wnstar/wisp
07/2025 - Present

A polyglot collection of projects on scientific computing and games.

Wiki Generator · https://github.com/D4wnstar/wiki-generator
12/2023 - Present

An Obsidian plugin to convert Markdown notes into a fully-fledged, Wikipedia-inspired website.

Aetherwisp · https://aetherwisp.net
05/2025 - Present

An open, Wikipedia-inspired encyclopedia of science.

- Over >350.000 words of content
- Published using Wiki Generator

Education

Liceo Scientifico Niccolò Copernico · https://liceocopernico.edu.it
09/2016 - 06/2021

Italian High-School Diploma
100/100

Mater Virtual Academy · https://materdoppiodiploma.it/en/mater-academy
09/2017 - 06/2021

U.S. High-School Diploma
4.0 GPA

University of Trieste · https://units.it
09/2021 - Present

Bachelor's degree, Physics

Volunteer

Hack100 Conference (INAF) · https://hack100.inaf.it
06/2022 - 06/2022

Welcome Desk

Welcome desk and general guest assistance for the Hack100 conference on astrophysical spectroscopy held in Trieste.

Interests

Art

Videogames
Creative writing
Music

Science

Cosmology
Fundamental physics
Everything else
(except economics)

Open Source

Software
Education
Science

Tabletop RPGs

Pathfinder 2e

Miscellaneous

Bartending
Community-building
Cats