Simon BÉLIER

HPC Internship

- Evry - Courcouronnes
- +33 787260281
- simon.belier29@gmail.com
- https://belier.iiens.net

Skills

Code
C, C++, Java, Python, Ocaml, Bash, YAML

Web dev
HTML, CSS , JS, php

OS
Linux (arch, debian, ubuntu, CentOS)

System administration
Docker, selfhost, (recursive) DNS, reverse proxy, VPN, LDAP, Ansible, Terraform, Apache, Proxmox, Puppet, LDAP

HPC
MPI, OpenMP, linux kernel, slurm

Tools
Git, Gantt, Doxygen, Cxxtest ...

Interests

Homelabing - self hosting

Music group - guitar

Languages

French
Mother tongue

English
CEC B1

Spanish

Japanese

I am looking for an 12-week internship in your company in the HPC or system administration field.

Extremely motivated to constantly develop my skills and grow professionally. I am confident in my ability to works in groups, learns from my seniors and come up with new ideas.

Profiles

- simon.blr
- Big-Ouden
- link.bigouden.org

Experience

NPI Plougonvelin — Summer 2022 & 2024 - Winter 2023 -
Windsurf Instructor — Brittany

Nexus — Summer 2024
Co-founder
- https://nexus.iiens.net

- Entrepreneurial project
- ERP development

Education

Lycée Amiral Ronarc'h — 2021
Physics & Mathematics — High School Diploma

Lycée La Pérouse Kérichen — 2021 - 2023
math / physics / Industrial science / — Preparatory class for engineering school
Computer science

ENSIIE — Sept 2023 - Present
Computer Science / HPC — Engineering degree
- https://ensiie.fr

Projects

Self hosted infrastructure
- https://bigouden.org

VM & container management by proxmox hypervisor with integration of monitoring, DNS and VPN.

Private services 24/24 and public services with Cloudflare tunnel zero trust

Quantum Harmonic Oscillator
c++ project on implementation of Schrodinger equation

Image based language interpretor
Interpreter for a programmamation language whose programs are images

Volunteering

ARISE
Secretary General

Association in charge of IT systems for all students of ENSIIE promoting free and open source software.

Forum Horizon Informatique
Treasurer

Forum to connect companies and ENSIIE's student

BDE
Chief Information Officer

CiD (photography)
President