

Théa Grondier Younes

Lausanne – Switzerland

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Professional Experience

Site Reliability Engineer

Lausanne - CH

Exoscale - A1 Digital

2019 - Present

Monitoring & Observability, Internal Tooling & Automation

- Part of the team that designed and setup Prometheus monitoring at Cloud provider scale
- Principal maintainer of the monitoring stack 2020-2022
- Principal maintainer and developer of the internal administration and automation API
- Part of the team that physically setup and bootstrapped two datacenters
- Elected Employee Representative

Support assistant

Lausanne - CH

EPFL - Vice Presidency for Information Systems

2016 - 2019

T1 Support, writing internal and external documentation, internal development, sales counseling.

Engineering Internship

Switzerland & Lebanon

Spectrum Digital Holding

2018

Machine Learning models analysis.

Freelance

Software development

2015 - 2017

Certifications

Certified Kubernetes Administrator (CKA) : Since 2020

Primary languages

Python, Clojure, Golang, Java

Areas of expertise & related frameworks

Linux systems administration and scripting, Kubernetes, Docker, Cloud Services, S3, Puppet, Consul, Terraform, Vault, Prometheus, Alertmanager, Grafana, Monitoring and Observability, S3, CI/CD pipelines, Microcomputers, Database Administration, Datacenter hardware, Q&A

Misc

I've been hosting my own personal infrastructure in the cloud for most of the past decade!

Languages

French: Native Proficiency

English: Bilingual proficiency

Arabic (Lebanese): Working proficiency

Japanese: Elementary proficiency

Education

École Polytechnique Fédérale de Lausanne (EPFL)

MSc in Computer Science, EPF Engineer, Switzerland
Class Representative

Grad. 2020

EPFL

BSc in Computer Science, Switzerland

Grad. 2017

Projects

Security and Privacy Engineering Laboratory - SPRING

Master Thesis

EPFL

2018 - 2019

Light and Secure Privacy-Friendly Classroom Tools. Anonymous authentication with Elliptic Curve Cryptography

Computer-Human Interaction in Learning and Instruction - CHILI

MSc Project

EPFL

2018

Cellulo is an educational swarm robots project. I developed a communication protocol between an hostdevice and a human interface device to be able to deploy quickly on the field any number of robots. I also worked with a team to develop a map-based game to explore swarm, haptics, paper graphical and tablet based visual in order to have a playful game.

Distributed Information Systems Laboratory - LSIR

BSc Project

EPFL

2015 - 2016

The Global Sensor Network (GSN) project is deployable sensor management platform developed by LSIR. I've developed a full stack web-app that allows scientists and data curators to gather, manage, and export the data generated by a network, in addition to displaying it in-browser in a meaningful way. The project can be found on Github.

Various Scripts and Projects hosted on GitHub and Gist: All the public ones (mostly proofs of concept) can be seen on my GitHub and Gist pages.

Organizations and volunteering

PolyJapan (Japan Impact)

Vice-President, Head of Logistics, Documentaries and Movies Curator, Organiser

EPFL

2014 - 2022

PolyJapan is a Student Association that organises Japan Impact, the largest Japan-themed convention in Switzerland with over 10000 yearly visitors.

AGEPoly

Member of the Control Commission and Executive Control Commission

EPFL

2015 - 2017

AGEpoly is the global EPFL students association, which represents and defends the interests of more than 8000 students, as well as keeping them informed on the school management's decisions. The Control Commission is a consultative body, elected by the General Assembly. I took part in rewriting the statutes of the association during my mandate. The Executive Control Commission is an executive oversight body, elected by the General Assembly.

Misc

Advocate

Lausanne

2019 - Present

Advocacy in different groups for the rights and visibility of gender and sexual minorities on university campus and in the Lausanne region