

Leona Maroni

EXPERIENCE

FLYING CIRCUS IO GMBH **SYSTEMS ENGINEER, SOFTWARE DEVELOPER – WORKING STUDENT**

October 2022 – today | Germany

- Development on the NixOS based VM and hardware platform
- Development on the internal QEMU based VM management
- Core development on the main management software and customer panel
- Migration of the central user management to Keycloak

CODECENTRIC AG **SOFTWARE DEVELOPER – MINOR EMPLOYMENT**

October 2021 – September 2022 | Germany

- Implementation of synchronisation services of customer and company data
- Maintenance and development of an internal dashboard
- Managed deployment of internal tools in a Kubernetes cluster

CONVIT GMBH **SOFTWARE DEVELOPER – INTERNSHIP**

October 2019 | Cologne, Germany

- Planning and realisation of a face-detection microservice integrated in an existing content mining system

PROJECTS

NIXOS **DEVELOPMENT OF THE PACKAGE SET AND OPERATING SYSTEM**

February 2021 – today

- Release manager of NixOS 25.05 and 25.11
- Commiter in Nixpkgs, maintaining serveral packages and NixOS modules

PERSONAL INFRASTRUCTURE

2019 – today

- Development, management and maintenance currently using NixOS, previously with Ansible
- Deployed services include Keycloak, YouTrack, GitLab, e-mail

FAHRPLANDATENGARTEN

October 2019 – December 2024

- Led the development of FahrplanDatenGarten, a tool analysing all long distance trains in Germany
- FahrplanDatenGarten allows rail travelers to get historic information about a train enabling them to estimate their delay

LEGITIMA

December 2021 – May 2023

- Development of legitima, a custom Single Sign On with OpenID Connect
- legitima is an adapter between LDAP as user management and ORY Hydra as OpenID Connect provider enabling people to use their existing LDAP directory with ORY Hydra

HONORS & AWARDS

2022
2022
2022
2021
2017/2018 & 2019 – 2021
2019

MINTec certificate with highest honor
Abiturpreis, German Physical Society
Jury member school competition, Jugend debattiert
Invitee and participant, Jugend hackt Vernetzte Welten
Head of student council, Gymnasium Zum Altenforst
Award for student commitment, Gymnasium Zum Altenforst

CONTACT / LINKS

E-Mail: hello@leona.is
Web: <https://leona.is>
GitLab: @leona on forkspace.net
GitHub: @leona-ya

SKILLS

PROGRAMMING

Python • TypeScript • Rust • Scala • HTML/(S)CSS/JS

FRAMEWORKS

Django • Pyramid • Node.js
• Angular • Rocket • OpenID Connect

SYSTEM OPERATIONS

NixOS • QEMU • Ansible • systemd • Debian • Linux Networking

AUTHN/Z TOOLING

Keycloak • OpenID Connect • WebAuthn • LDAP

TOOLS/PLATFORMS

Git • Keycloak • PostgreSQL
• Docker • GitLab CI • GitHub Actions

LANGUAGES

German (C2) • English (B2/C1)

EDUCATION

UNIVERSITY OF BONN

B.Sc. COMPUTER SCIENCE

2024 – today | Bonn, Germany
Subsidiary subject: Mathematics

MATHEMATICS

2022 – 2024 | Bonn, Germany

GYMNASIUM ZUM ALTFENFORST

ABITUR

Grad. June 2022 | Troisdorf, Germany
Special subjects: Maths & Physics

JUGEND HACKT

PARTICIPATION AND MENTORING

2016 – today | Germany

CODERDOJO COLOGNE

PARTICIPATION AND MENTORING

2013 – 2018 | Cologne, Germany