

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 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
- Committer in Nixpkgs, maintaining several 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	MINTec certificate with highest honor
2022	Abiturpreis , German Physical Society
2022	Jury member school competition , Jugend debattiert
2021	Invitee and participant , Jugend hackt Vernetzte Welten
2017/2018 & 2019 – 2021	Head of student council , Gymnasium Zum Altenforst
2019	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

ALTENFORST

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