Leon Pöllinger

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Profile

Informatics (M.Sc.) student at the Technical University of Berlin with a focus on distributed systems.

I have experience with Linux, eBPFs, Rust, Java, and Python.

In my free time I administrate a home lab consisting of multiple Linux-based nodes and docker services.

Education

TU Berlin — Master of Science (M.Sc.)
Computer Science — Berlin • 04/2026 – Present

TU Berlin — Bachelor of Science (B.Sc.) • 1.9
Business Informatics — Berlin • 10/2022 – 04/2026
Thesis: *Using eBPFs to Boost Measurement Accuracy in Cloud Service Benchmarking*

Experience

Bosch — Berlin
Working Student — 07/2026 – Present
- Working on Kotlin Spring Boot Codebases
- Managing the infrastructure via Terraform

TU Berlin — Berlin
Student Assistant — 10/2023 – 02/2026
Research assistant (HiWi) — 10/2025 – 02/2026
- Co-authored PROVUSE: Platform-Side Function Fusion for Performance and Efficiency in FaaS Environments
- Implemented the project in Rust for Docker and Kubernetes

Research assistant (HiWi) — 05/2024 – 05/2025
- Worked at the EMPIRIS-Project
- Automated duet microbenchmarks in GitHub CI/CD pipelines

Tutor at the 3S Chair — 10/2023 – 09/2025
- Programmieren I
  - Java basics
  - Data Structures and Algorithms
- Architektur von Anwendungssystemen
  - Software Testing
  - Architecture and orchestration of distributed systems

Skills

Programming Languages
Rust, Java, Kotlin, LaTeX, C, Terraform, SQL, Python

Linux
Bash, Nix, CLI, System Administration, Networking

Containerization
Docker, Kubernetes, Yaml, k9s

Languages

Deutsch	**Englisch**
Native	Fluent