

Nikolas Kaipel

Austria, nikolas.kaipel@gmail.com

Work Experience

Google

Software Engineering Internship

July 2025 - September 2025
Munich

- working in the v8 webassembly runtime team
- extending differential fuzzing

Google

Software Engineering Internship

July 2024 - October 2024
Munich

- working on the software-defined-vehicle team
- developing framework for measuring performance in C++, Rust and Python

Google

Internship - Engineering

July 2023 - September 2023
Bucharest

- consumer health research
- data collection, analysis and visualisation using Python

Siemens Mobility Austria GmbH

Internship

July 2022
Vienna

- internal tool development using c#
- compiler to LLVM-IR for a subset of Pascal in C++

Magistratsabteilung 56 – Wiener Schulen

Community Service

October 2021 - June 2022
Vienna

- assisting at school NMS Absberggasse
- assistance services in the care and transportation of disabled children

Siemens Mobility Austria GmbH

Internship

July 2021
Vienna

- software development using C#, Perl and Python
- support for software integration and verification in the test lab

Siemens Mobility Austria GmbH

Internship

July 2020
Vienna

- software development in C#, Python and Lua

Siemens Mobility Austria GmbH

Internship

July 2019
Vienna

- development of tools for configuration and diagnosis of level crossing systems

Education

TU Wien / Vienna University of Technology

Computer Science bachelor's programme

October 2022 - present
Vienna

Specialisation in artificial intelligence and machine learning

Gymnasium AHS GRG10 Laaerberg

Matura

2013 - 2021
Vienna

Science school branch / informatics as selected subject

Skill and Interests

Languages

German (native), English (C1)

Volunteering

Fire brigade (5 years of juvenile, 3 years of active service), 2 years youth assistant in

protestant church