Jonas Meurer

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Work Experience

LCore Systems   Darmstadt, Germany
Role: founder, software engineer, and architect   2020 - 2024
Technologies: Rust, GraphQL, Typescript, SQL und Nix

- Developed a transportation platform for rides paid by health care providers
- Used Nix for reproducible build for Rust and Typescript

TU Darmstadt - Department MAIS   Darmstadt, Germany
Role: student employee   12/2019 - 09/2020
Technologies: Java, Bazel, and Rust

- Added additional IPC channel to the *runtime policy enforcment framworks* (CliSeAu)
- Started a configuration framework which allows CliSeAu to run interact with different languages and target platforms.

Education

TU Darmstadt - IT-Security M.Sc. (without degree)   Darmstadt, Germany
                                                         04/2019 - 04/2022

TU Darmstadt - Computer Science B.Sc.   Darmstadt, Germany
Thesis: *Investigating the Effects Of Inter-Process and Cross-Device Communication Strategies on Runtime Enforcement for Android*   10/2015 - 04/2019

Viktoriaschule - Abitur   Darmstadt, Germany
Advanced courses: *Math und Physics*   2007 - 2015

Projects

Starting Service For A Flight Simulator   2018
Group project (five people)
Technologies: Python, Django, and Windows XP until Windows 7

- Allows starting the simulator with user-defined scripts
- Evaluated the requirement and progress of the project with the client
- Produced a detailed documentation of the project, including the progress and unser software-engineering methods

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Skills

Languages German (native tongue), Englisch (fluent)

Programming Languages Rust, Nix, Typescript, SQL (Postgres), Python, C, Java und Web (HTML, CSS, and Javascript)

Misc Emacs, Git, and Linux