


Lukas Heini

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in Lukas Heini |  lukasjojo98

Ausbildung

HKA - Hochschule Karlsruhe, Master (M.Sc.) in Business Information Systems Mar 2024 – Nov 2025

- Current grade: 1.5
- Master thesis: Development of a RAG-based Chatbot within a Value-Based Engineering Framework

HKA - Hochschule Karlsruhe, Bachelor (B.Sc.) in Industrial Engineering Sept 2019 – Jan 2024

- Final grade: 2.0
- Bachelor thesis: Implementation of a web-based user interface using design patterns

xpand, Gap year in Scotland Sept 2017 – Jun 2018

- During my gap year in Scotland, I worked as a teaching assistant and attended various seminars

Adolf-Schmittthenner-Gymnasium, A-levels Sept 2009 – Jul 2017

- Final grade: 1.8

Berufserfahrung

Working student, Disy Informationssysteme GmbH May 2025 – now

- Tooling for Software development and Automation of build processes using Gradle and Docker

Working student and Bachelor's degree candidate, SEW-EURODRIVE GmbH Aug 2023 – Mar 2025

- Development of software prototypes with JavaScript and ThreeJS

Student assistant, ILIN (Research Institute at HKA) Aug 2022 – Aug 2023

- Development of software applications for research purposes in the field of NLP and AI with Python

Computer Science Tutor, HKA - Hochschule Karlsruhe Mar 2022 – Jul 2023

- Organisation and implementation of exercise units in the Computer Science B module using Java

Intern, Daimler Trucks Mar 2022 – Jul 2022

- Creation of reports and automation of processes using the VBA scripting language

Projekte

Movie Base (Python, JavaScript)  Github-Link

- A movie management app was implemented with a search function, rating system, and review functionality

Scene Editor (Angular, ThreeJS)  Github-Link

- An interactive 3D scene editor for modeling and placing objects

Fähigkeiten

Programming languages: JavaScript, TypeScript, Python, Java

Tools: Git, Maven, Gradle, Docker, Jira

Interests: Movies, Sport, Playing the piano

Zertifikate

- **Agile Software Engineering Student Edition:** Workshop on principles of software engineering
- **CS50 - Introduction to Computer Science:** Online course by Harvard University
- **Business and Technical English (C1):** English course at Karlsruhe University of Applied Sciences
- **Seminar Digitaler Zwilling:** Creation of a Digital Twin in Python