

Yan Kleiner

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EDUCATION

ETH Zürich | Bachelor of Computer Science

Zürich | **01/03/24-16.09.27**

Relevant Coursework:

- Data Structures & Algorithms
- Programmig in Java
- Computer Architecture

EXPERIENCE

Fraunhofer Institute, Research Assistant | Software Engineering

Freiburg | **01/03/24 - 01/09/24**

- Assisted in the Implementation of the EEBus Energy Protocol/API
- Supported the implementation of data exchange mechanisms trough XML and JSON, resulting in a 30% reduction in latency.
- Utilized Git and GitLab for version control, ensuring seamless collaboration among a team of 50.
- Contributed to the implementation of the Protocol into a very large codebase by adding and testing new features, enhancing operational efficiency by 25%

ILS International Logistical Systems, Installation of Microsystems

Freiburg | **05/08/23 - 20/10/23**

- Maintenance/repair/assembly of the cores of logistical machines
- Learned to work and communicate in a team of 11 on large construction sites
- Identified defective parts or components within the machines

PROJECTS

Java 2D Game Engine in Eclipse

04/01/24 - 23/02/24

- Developed a framework to simplify the process of making 2D Games
- Implemented an own Renderer, Input, Image Class without OpenGL
- Used Git and GitHub for version control
- Used JUnit to test in the development process

Meal Plan App for IOS

10/10/23 - 01/01/25

- Developing an iOS App with Swift using Xcode
- User shall be able to enter personal information to receive a personalized meal plan
- Should help people to achieve their goals in the gym

SKILLS & INTERESTS

Programming Languages:

JAVA, Python, Swift(iOS), HTML, CSS, SQL, Kotlin

Other Technology:

Eclipse IDE, IntelliJ IDE, Gradle, PyCharm, Google Collab, VS Code, Git, GitHub, GitLab, Docker

Languages:

German (native), English (fluent), French (DELFI B1)

Clubs:

Mixed-Martial-Arts Club, Sustainable Food Redistribution Club

Interests:

Machine Learning(Deep Learning) , Economics, Gym

Certificates:

AWS Certificate, IBM Python for AI & Development Certificate, IBM Data Science Certificate, Google Introduction to Generative AI