CONNOR SCHWEIGHÖFER

Developer and Student, 18

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⬤ SquidXTV

Programming Languages

Java

Python • SQL

HTML • JavaScript • CSS

Technologies ⎯⎯

Java

Jackson, Swing, JavaFX,
JUnit, Mockito, SLF4J, Log4j,
JDA, SpigotMC, PaperMC, ProtocolLib

Databases

MySQL, SQLite, H2, PostgreSQL, Mongo

IDEs

Intellij, Eclipse

Versioning

Git, GitHub, GitKraken

Build Management

Maven, Gradle, GH Actions, SonarQube, Spotless

Communication

Discord, MS Teams, Zoom

Languages ⎯⎯

Deutsch – Muttersprache

English – C1

Profile

- **4 Years** Programming experience
- **Intermediate in Java** and basics in Python
- **Top Helper**, Community Lead in one of the biggest Java communities (*Together Java*, Discord, 30k+ User)

Projects

Aug 2021 – Today — **TJ-Bot** — github/TJ-Bot

`Java 17` `JDA` `Discord` `Gradle` `JUnit` `Mockito` `SonarQube` `Spotless` `SQLite` `Flyway` `jOOQ` `Log4j 2` `SLF4J`

- Development of Discord bots using JDA
- Implementation of automatic file upload to GitHub Gist
- Improvement to the logging system

06.02 – 20.03.23 — **Thesis: TwoBodyProblem - Simulation** — github/TwoBodyProblem

`Java 17` `JavaFX` `Maven` `jPackage` `Thesis`

- Implementation of a simulation for the two-body problem
- Using the Euler method
- Graphical visualization with JavaFX

Dec 2022 – Today — **FrameUI** — github/FrameUI

`Java 17` `SpigotMC` `Maven` `JUnit 5` `Mockito` `ProtocolLib` `XML` `Schema`

- Development of a library for Minecraft plugins
- Creation of virtual screens
- Using the library through XML files using a provided XSD schema

Jun 2023 – Today — **AuctionHouseUI** — github/AuctionHouseUI

`Java 17` `SpigotMC` `FrameUI` `Maven` `JUnit 5` `Mockito` `MySQL`

- Implementation of a visual Auction House in Minecraft
- Using the own library "FrameUI" for the user interface
- Storage of offered items in a MySQL database

May 2023 – Today — **EschatologyBot - Discord Bot**

`Python 3.10` `discord.py` `SQLite3`

- Development of a Discord bot for a Minecraft server guild
- Automatic role assignment based on server API calls

Education

2021 - Today — **High School Diploma (Abitur)** — Gymnasium Ernestinum Rinteln, Germany

2015 - 2021 — **Extended Secondary School Certificate** — Gymnasium Ernestinum Rinteln, Germany