

Anton Rösler

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🐙 github.com/antonroesler

Portfolio: antonroesler.com

Education

Frankfurt University of Applied Sciences

Sep. 2019 - Present

Bachelor of Science in Engineering Business Information Systems

Frankfurt, Germany

GPA: 1.1 (German) 3.9/4.0 (US) — Dean's List

Graduation expected in February 2023

Relevant Coursework

- OOP
- Databases
- Computer Networks
- Web Applications
- Structured Data Stores
- Software Engineering
- Advanced Programming
- IT-Security

Projects

Visualization of Scheduling Algorithms Web App | *Python, Django, REST*

March 2020 - August 2021

- Created a web application to visualize scheduling algorithms on user defined processes.
- Implemented scheduling simulation logic in python and created an API with Django.
- Deployed web application: scheduler.antonroesler.com

Application Landscape Web App | *node.js, JavaScript, REST*

April - July 2021

- Developed an web application to create, visualize and analyze application landscapes.
- Designed RestAPI using node.js.
- Implemented mongoDB to store data persistent.
- Build rich functionality to filter, explore and visualize the graph using JavaScript.
- Responsible for the group of 6 students and the technical development of the project.
- Deployed web application: application-landscape-visualizer.xyz

Visualization of Scheduling Algorithms | *Bash, Command Line*

May 2020

- Created command line program to simulate 3 scheduling algorithms using pure bash script
- Implemented a script to visualize the outcome as a gantt chart in the shell

Experience

Frankfurt University of Applied Sciences

June 2021 – Present

Software Engineer

Frankfurt, Germany

- Developing an application in which users have to prove their project management skills in a simulated scenario.
- The application will be used by of hundreds of students as part of the PM course in the next semesters by Prof. Hefter.
- Using test-driven development with Python, Django and SQLite to develop the app as a full stack web application.

Frankfurt University of Applied Sciences

October 2020 – August 2021

Tutor and teacher's assistant

Frankfurt, Germany

- Courses: Object-Oriented Programming, Databases, Introduction to Business Informatics, Project Management, Operating Systems and Computer Networks

Technical Skills

Proficient with: Python | Java | SQL

Familiar with: JavaScript | Node.js | MongoDB | neo4j | redis | Spring Boot | bash | Docker | HTML | CSS

Developer Tools: JetBrains IDEs | Postman | Jupyter Notebooks | Eclipse

Technologies/Frameworks: Linux | GitHub

Extracurricular

Community Outreach

Spring 2020 – Present

Voluntary Buddy/Mentor

navigare Bildungswerkstatt

- Teaching the computer science course for refugees.
- Support of three refugees in their studies for their preparation for an apprenticeship as IT specialists.