

Fezile Manana

COMPUTER SCIENCE STUDENT

Dresden, Germany

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*"The more monitors you have, the more your peers will trust you."
-Fezile Manana*

Skills

| | |
|--------------------|---|
| Back-end | SQL, Flask, Django |
| Front-end | React, HTML5, CSS |
| Tools | Github, Gitlab, Docker |
| Programming | C, C++, Python, Bash, JavaScript, LaTeX |
| Languages | English, German |

Work Experience

Renesas Electronics Germany GmbH

Dresden, Germany

THESIS STUDENT

Feb. 2020 - Aug. 2020

- Researched and implemented algorithm for self-calibrating sensor signal conditioner.
- Gained experience in programming for embedded systems.

IDT Europe GmbH (Acquired by Renesas)

Dresden, Germany

ALGORITHM DEVELOPMENT INTERN

Jun. 2019 - Nov. 2019

- Researched and implemented algorithms to improve memory footprint and performance of firmware on gas sensors.
- Prototyped the firmware update process of a sensor signal conditioner.

Education

Jacobs University Bremen

Bremen, Germany

B.S. IN COMPUTER SCIENCE

Sep. 2017 - Jun. 2020

- Received a scholarship for academic excellence from the institution.
- Relevant courses include: Machine Learning, Artificial Intelligence, Software Engineering, Operating Systems, Databases and Web Services.

Waterford Kamhlaba UWCSA

Mbabane, Eswatini

INTERNATIONAL BACCALAUREATE (IB) DIPLOMA

Jan. 2015 - Nov. 2016

- Specialising in physics, chemistry and mathematics.

Projects

K-Fridge

Helsinki, Finland

HACKATHON

Nov. 2019

- Developed a platform for food sharing with the goal of reducing food waste.
- Worked on server side programming with Python.
- Won Second place in the sponsored challenge.

CampusChat

Bremen, Germany

COURSEWORK

Jan. 2019

- Developed a course focus chat application for students to be able to better communicate with professors and teaching assistants.
- Programmed backend logic of the application and server side processing.

Extracurricular Activity

Jacobs University, Undergraduate Student Government (USG) IT Department

Bremen, Germany

MEMBER

Feb. 2019 - Jun. 2019

- Freelance develop applications, as they are needed, for the benefit of student life on campus.
- Gained experience developing a web applications.
- Developed a web application for agendas during parliamentary meetings.