Fezile **Manana**

COMPUTER SCIENCE STUDENT · ALGORITHM DEVELOPMENT INTERN

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"Just do it."

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.

Skills

Back-end	SQL, Flask, Django
Front-end	React, HTML5, CSS
Tools	Git
Programming	C, C++, Python, JavaScript, LaTeX
Languages	English, German

Work Experience

IDT Europe GmbH   *Dresden, Germany*
ALGORITHM DEVELOPMENT INTERN   *Jun. 2019 - PRESENT*
- Researched and implemented algorithms to improve memory footprint and performance of firmware on gas sensors.
- Protoyped the firmware update process of a sensor signal conditioner.

Projects

CampusChat   *Bremen, Germany*
COURSEWORK   *Jan. 2019*
- Developed a course focus chat application for students to be able to better communicate with professors and teaching assitants.
- Programmed backend logic of the application and server side processing.

NOMAD   *Barcelona, Spain*
HACKATHON   *Oct. 2018*
- Developed a web application that recommends flights based on university holidays.
- Worked with flask as a python framework for server side processing.

Extracurricular Activity

Jacobs University, Undergraduate Student Government (USG) IT Department   *Bremen, Germany*
MEMBER   *Feb. 2019 - PRESENT*
- Freelance develop applications, as they are needed, for the benefit of student life on campus.
- Gained experience developing a web applications.

Jacobs University, Computer Science Club   *Bremen, Germany*
MEMBER   *Sep. 2017 - PRESENT*
- Developed a web application for agendas during parlimentary meetings.