

FIDEL GATIMU

CV

1 PERSONAL INFORMATION

Marital Status **Single**
Date of birth **16.01.1997**
Profession **Civil Engineer**
Nationality **Kenyan**



[+49 17657851080](tel:+4917657851080)



[Fidel Gatimu](https://www.linkedin.com/in/fidelgatimu)



fidelgatimu@mail.com

2 EDUCATION

09.2022 – 08.2025
Aachen, Germany

Construction Robotics M.Sc., RWTH Aachen,
Master's thesis: "Machine Learning for Geothermal Design"

09.2018 – 06.2022
Pécs, Hungary

Civil Engineering Bachelor's degree, Pécs - University,
Magna cum laude ("with large Honor"), Bachelor thesis:
"Design of a 3D-printed building according to the Eurocodes"

3 WORK EXPERIENCE

11.2023 – December 2024
Hanover, Germany

working student, Porr AG Construction (Creating Power BI dashboards to monitor construction progress; improving data visualization; automating document workflows with Power Automate to reduce processing time; monitoring the delivery of concrete and steel materials with Python-based scripts)

08.2023 – 09.2023
Hanover, Germany

Intern, Porr AG (Implementation of an automated noise monitoring system for regulatory compliance using Python; Development of an OCR-based tool for digitizing material delivery documents; Optimization of data sharing workflows between contractors and teams via SharePoint)

October 2023 – 04.2024
Aachen, Germany

Student Assistant, Chair for Individualized construction production,
RWTH Aachen University

06.2021 – 06.2022
Pécs, Hungary

Scientific Assistant, *University of Pécs, Hungary*
(conducting structural integrity studies and on-site assessments for research projects; publishing and presenting research results on 3D printing technology in construction)

06.2021 – 05.2022
Pécs, Hungary

Intern, *Lungs of the City*
(Conducting structural analyses and design reviews according to Eurocode guidelines; optimizing structural components to reduce material costs and improve efficiency; developing sustainable timber frame alternatives to CLT structures)

4 VOLUNTEERING

05.2021 – October 2023

Aachen, Germany

07.2020 – December 2022

Pécs, Hungary

07.2020 – 06.2022

Pécs, Hungary

09.2021 – 06.2022

Pécs, Hungary

03.2025 – Today

Dusseldorf, Germany

IT department, TechLabs Aachen

(Automation of verification and generation of certificates)
IBM Z AMBASSADOR, IBM (1 of 2 IBM Z Ambassadors in Hungary; presentation at IBM Z Days with live demonstration of “Master the Mainframe Level 1” in front of over 50,000 viewers)

International Student Ambassador and Student

Mentor, *University of Pécs*

Vice President, Engineers without borders - Student Association of the University of Pécs

Volunteer, *International English Library*

5 AWARDS & SCHOLARSHIPS

11.2023

Aachen, Germany

01.2022

Pécs, Hungary

09.2021

Pécs, Hungary

December 2019

Pécs, Hungary

09.2018

Pécs, Hungary

Germany Scholarship (Scholarship promoted through DGNB)

TMDK Conference (Third place for my research on 3D printed concrete)

Excellence Scholarship (Scholarship for outstanding students of the Faculty of Computer Science and Engineering)

Faculty Ambassador Scholarship (Two awards for services to the faculty, including the founding of the first international student representation)

Scholarship Hungaricum (Fully funded scholarship for outstanding academic achievement)

6 LANGUAGE SKILLS

English

native language

German

Good knowledge (GER level: vicinity B2)

Swahili

native language

Hungarian

Basic knowledge

7 SKILLS

BIM, *computational design*, programming and *structural design*

Grasshopper: average

Tekla: advanced

Power BI: advanced

Rhinoceros: average

C#: average

JavaScript: average

Revit : advanced

AutoCAD: advanced

Python: advanced

SQL : advanced

AxisVM: advanced

Robot : advanced

Soft skills

Analytical thinking, problem-solving skills, Teamwork & interdisciplinary Cooperation and Technical communication