



DUSHIMIMANA ERIC

Fourth year student in Mechanical Engineering Production

Driven by insatiable curiosity, i explored the intricacies of lean manufacturing and put production processes to work in the real world. Now i am interested in turning my theoretical knowledge into development and bringing new solutions to the production field.



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Rubavu, Rwanda



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instagram.com/eric_dtch

SKILLS

CAD

3D Printing

IoT

Electronics skills

Additive manufacturing

Solidworks

LANGUAGES

Kinyarwanda

Native or Bilingual Proficiency

English

Professional Working Proficiency

French

Elementary Proficiency

Swahili

Limited Working Proficiency

INTERESTS

Embedded System

IoT

Data Science

Product management

Data analysis

IDE

Mathematical sciences

EDUCATION

Mechanical Eng. Production

University of Rwanda

11/2019 - Present

Kigali, Rwanda

Courses

- Advanced Machining Processes.
- Advanced fluid mechanics, etc.

High School

E.S. Gisenyi

01/2018 - 12/2018

Rubavu, Rwanda

Courses

- Physics, Chemistry and Mathematics

WORK EXPERIENCE

Maintenance Assistance Engineer

Pfunda Tea Company

01/2023 - 04/2023

Rubavu, Rwanda

Achievements/Tasks

- Ability to use the lathe to produce quality products accurately and efficiently.
- Master the skills of operating a milling machine, performing milling and chasing operations.
- Mastered industrial welding practices, fabricating and repairing critical equipments.

Contact : Technician - +250 783 873 487

Mechanical Designer

Fablab

11/2023 - Present

Kigali, Rwanda

Achievements/Tasks

- Spearheaded the rapid prototyping process by utilizing 3D printing technology, resulting in the successful creation of tangible prototypes for visual and functional evaluation.
- Overcome the challenges of CNC machining and laser cutting as experts program machines and teach cutting tools with precision to create complex and unlock eight possibilities.
- Master SolidWorks to turn ideas into reality, create accurate designs, and optimize designs for functionality and efficiency.

Contact : FabLab Director - +250788228838

ORGANIZATIONS

Klab Rwanda (11/2023 - Present)

PERSONAL PROJECTS

Design and Optimization of Beans Sheller Machine. (09/2023 - Present)