

Product Engineer for African Born 3D Printing

About African Born 3D Printing (AB3D)

AB3D is hardware start-up based in Nairobi, Kenya. We are a social enterprise that deals with the local production and maintenance of affordable, quality 3D printers from electronic waste parts. The 3D printers are built from scratch from locally available materials. We are also in the process of setting up local extrusion of 3D printing filament from recycled PET waste plastics.

About the Job

AB3D is currently facing increased demand for our services, but lack the necessary labor force needed to make printer production from scratch materials more efficient.

As such, we are looking for a Product Engineer to work on the production of the 3D printers. This includes the sourcing and identification of materials, printing, the cutting of parts, and finally the assembly of the machines. The Product Engineer will also be responsible for the calibration, testing, maintenance, and repair of 3D printers with knowledge acquired mostly from building the printers. One is also invited to help further develop and improve the second iteration's printer design.

The position will be based in AB3D's workshop at Creatives Garage along Kirichwa Road, Nairobi, Kenya.

Qualifications

The candidate will have skills in the following areas:

1. Electronic skills
2. Workshop experience
3. Coding/programming
4. 3D modeling and experience creating products and technologies
5. Fluent in English

How to Apply

Please send a CV and cover letter to Roy Ombatti at ombattiro@gmail.com. In your CV, please include your reasons for wanting to join AB3D and what you would like to gain from working for a start-up, especially in a developing world context.

This is a full-time voluntary position, but we would be happy to work together with the candidate to apply for whatever other finances could be obtained to support them during the period.