



THE KIDS PROJECT

POWERED BY GREENLAB-MICROFACTORY



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Report of the Kids' project Held at Akure Tech Hub, May 11, 2019.

The Kids' project is a powerful vision of Greenlab-microfactory with a goal of inspiring young minds (kids) about being a developer in this current century.

The programme was hosted by Greenlab-microfactory at Akure Tech Hub. It was a programme that lasted three hours.

The average attendees of the programme was about 50 people. About 30 Kids were present at the event, Staff and the other adult trainees of Greenlab-microfactory made up the remaining figure.

Present at the event was Dr Olude (Veterinary Doctor at Department of Animal Production and Health, FUTA Chapter) who commended the great effort of Greenlab-Microfactory as they have been source of inspiration to the kids



Having in the house, the Facilitator, Yuji Ogawa (a Japanese Arduino Developer). He was the guest in the house on this very day, he taught the student how to make a talking robot using the Arduino Micro-controller using series of components such as a servo motor, Resistors, Microphone etc. He also taught them a very important aspect of development which is the FABRICATION of what they have developed using cartons. He cut it into shapes and the Kids were able to replicate it. He also taught the students how to fold i.e different techniques of folding using a special type of paper. The student were introduced to the Arduino Integrated Development Environment (IDE).



Through the programmes by Greenlab-microfactory that have been held already at different schools in Akure among them were FUTA Staff Nursery and Primary School and Best Solution Nursery and Primary School which were the school present with their staff and even parents

The students were exposed to the Arduino IDE and they were able to do the circuit arrangement on the Breadboard and they could identify every of the components used on the project.

The students were allowed to ask Yuji Ogawa series of questions pertaining to Electronics and he answered them correctly and perfectly. The students were really glad to have someone like that in their midst teaching them electronics and what was noticed in the students was their enthusiasm, they were all ready to learn and they were greatly inspired.

A lot of testimonies was made with respect to the success of the event.



Yuji Ogawa wish to have the kids around him soon because he really enjoyed being a great impact to the kids.

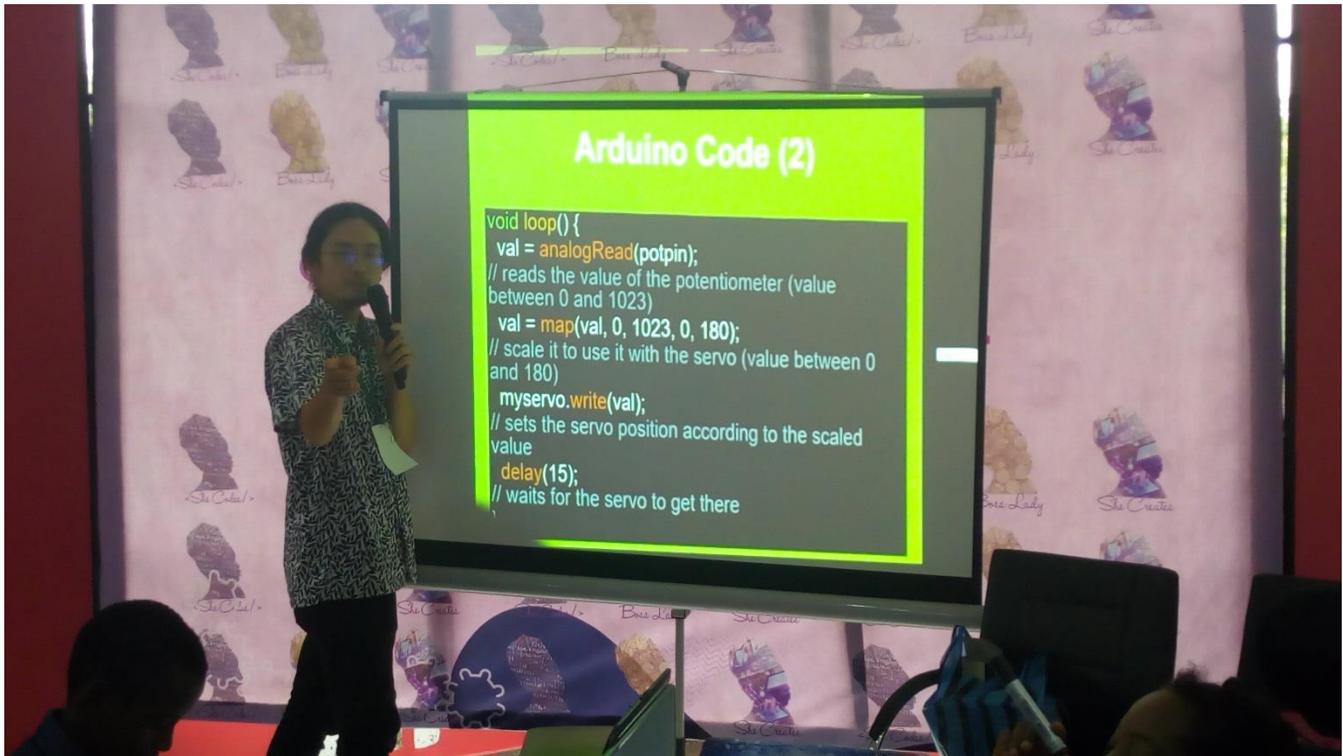
Amongst the kids were Olude Ogoluwakitan and Iwayemi Kehinde who both have videos on Greenlab Youtube channel, explaining the basic principles of electronics and the full operation of a working 3D-printer. These two kids have shown great interest in developing with arduino.



To show the magnitude of this impact on these great minds. FUTA staff Nursery and Primary has proposed to have arduino as one of the subjects offered in the school. The school management wants this to be part of their curriculum.

Limitations

- ❖ Power Failure during the course of the programme
- ❖ Lack of good internet facilities to take the student around the internet.
- ❖ Insufficient Computer Systems: The number of available system for coding the arduino part of the toy project were not enough, so not all the student were able to do the coding part, only a few of them were selected to do that.



Testimonials

- I'm able to learn robot design and development with **Arduino**, I gained more confidence to achieve my dreams

Abidemi Daniel

It is of no doubt that Greenlab has been of great impact to the kids. We maintain our balance in the society, our vision and mission is kept at hand. We don't just innovate, we Greenovate!

Expenses

Printing	N2 000.00
Popcorn	N1 200.00
Drinks	N3 000.00
Transportation	N1 000.00
Entertainment and feeding of facilitator	N2 500.00
Total	N9 700.00