



BUILD-A-TECH
INCUBATOR & WORKSPACE
Building the technology of tomorrow to solve the challenges of today



JOB DESCRIPTION for **ELECTRONIC SYSTEMS ENGINEER**

Build-a-Tech Incubator & Workspace is a hardware technology accelerator with a mission to equip start-ups with cutting-edge resources and custom-tailored mentorship. Build-a-Tech helps entrepreneurs design, build and manufacture products that address everyday quality-of-life issues. You will have the opportunity to work in a world-class workspace, interface with tech innovators as well as collaborate on a global scale. The details of the position are as follows.

BASIC JOB FUNCTION:

Design, develop, and prototype electronic systems, components, equipment, software and hardware for new and existing projects. Additionally, perform engineering research in support of complex embedded systems and networks.

CLASSIFICATION: Technical Personnel

JOB TYPE: On-Site / Full time

WORK HOURS: Monday to Friday | 9:00 AM to 5:00 PM
Saturday | 9:00 AM to 5:00 PM (1 per month)

SALARY: ₦65,000 to ₦120,000 Monthly
determined by relevant years of experience, qualifications and education

LOCATION: Uyo, Akwa Ibom

DUTIES & RESPONSIBILITIES:

1. Work with colleagues to design new systems, circuits and devices or develop existing technology
2. Test theoretical designs
3. Use software to perform circuit analysis, run simulations, create schematic drawings and produce wiring diagrams
4. Write specifications and technical reports
5. Ensure safety regulations are met
6. Develop detailed engineering documentation including block diagrams, schematics, fabrication and assembly drawings, component drawings, specifications, manuals and other customer documentation
7. Design new electronic devices and systems
8. Operate electronics software to evaluate and improve systems
9. Conduct research into new software and devices to keep the company at industry standards
10. Train colleagues on new software
11. Oversee the creation of new products and document the progress of each project

REQUIRED SKILLS:

- Ability to instruct students, and other lab users
- Excellent written verbal and telephonic communication
- Excellent presentation skills
- Excellent problem-solving and troubleshooting skills.
- Excellent research and interpersonal skills.
- Strong analytical skills.
- Exhibits appropriate professional behaviour including a positive attitude, sense of urgency, independent judgement, teamwork, creative thinking and personal integrity to achieve department/corporate goals and objectives
- Proficient in the use of PC/Mac, Google workspace and business communication channels
- Excellent organisational skills with strong attention to detail
- Ability to multitask, prioritise, and manage time effectively
- In-depth knowledge of circuit design and modelling
- Knowledge of how to perform tests on systems and equipment to ensure that every component is working properly.
- Practical experience with design software.
- Willingness to work overtime if required.

Optional:

- Knowledge of or ability to learn how to operate and maintain related equipment in the lab, such as 3D printers, CNC Machines, oscilloscopes, multimeters, power supplies, frequency generators, and spectrum/network analyzers, among others
- Relevant certifications may be required to prove your proficiency in certain areas.

EDUCATION:

Experience and proficiency in the above Duties & Responsibilities and Required Skills sections will be weighed above any educational qualifications. Applicants not possessing the above listed degrees should not be discouraged from applying.

Applicants should possess a **B.Sc. in Engineering** or a related field.

Optional Education:

Applicants with a **M.Sc. in Engineering** or a related field will also be considered.

TO APPLY:

Interested candidates fill the Employment Application Form @ bat.ng/careers/apply and select the **ELECTRONIC SYSTEMS ENGINEER** position.

Applications close on **31st July 2024** at 11:59 PM.

Additional enquiries should be directed to careers@buildatech.ng