



Junior Electronics Engineer

Build, Test, Innovate

We are looking for a motivated and hands-on Junior Electronics Engineer to join our growing team in London. This is an excellent opportunity for a recent graduate or early-career engineer who is excited to develop practical engineering skills, take ownership of meaningful projects and work with innovative technologies across satellite communications, telecommunications, energy systems, and agritech/IOT applications. At our company, engineers are encouraged to be proactive, experiment, learn quickly, and contribute ideas. We value curiosity, initiative, and a willingness to get involved in every stage of product development—from soldering and prototyping to testing, troubleshooting, and system deployment.

You will work alongside experienced engineers while enjoying a high degree of autonomy and responsibility from an early stage. If you enjoy building things, solving technical challenges, and seeing your work make a real-world impact, we'd love to hear from you.

Key Responsibilities

- Design, develop, test, and improve electronic systems, products and components.
- Build prototypes (including PCBs), assemble hardware, solder components, and support product development activities.
- Perform laboratory testing (including on PCBs), fault-finding, debugging, validation, and performance analysis.
- Develop and improve testing procedures, quality assurance methods, and engineering processes.
- Collaborate with engineers, clients, suppliers, and project partners to deliver high-quality technical solutions.
- Support telecommunications studies and communications system development projects.
- Investigate technical issues (including on PCBs and IoT applications) and implement practical, effective solutions.
- Contribute ideas for product improvements, innovation, and continuous process optimisation.
- Research emerging technologies and apply new knowledge to ongoing projects.
- Prepare technical documentation, specifications, reports, and project deliverables.
- Represent the company at technical meetings, conferences, and industry events when required.

What We're Looking For

Essential Skills

- Bachelor's degree in Electronics Engineering, Electrical Engineering, Telecommunications Engineering, or a related discipline.
- Strong interest in electronics and circuits, technology and engineering innovation.

Farmer Charlie
London, UK

www.farmer-charlie.com



- Practical hands-on experience through university projects, personal projects, internships, laboratories, makerspaces, or similar activities.
- Experience using laboratory equipment such as oscilloscopes, power supplies, multimeters, or signal generators on electronic devices and circuitry.
- Basic soldering, electronic circuit assembly and hardware/devices debugging skills.
- Software skills applied to embedded software on circuits.
- Excellent problem-solving and analytical thinking abilities.
- Self-motivated with the confidence to take initiative and work independently when required.
- Strong communication and teamwork skills.
- A willingness to learn new technologies and develop across multiple engineering disciplines.

Desirable Skills

- Experience with PCB design tools such as Altium, KiCad, or similar.
- Experience with embedded systems, microcontrollers, or firmware development.
- Familiarity with programming languages such as C, C++, Python, or MATLAB.
- Understanding of telecommunications, wireless communications, satellite systems, RF engineering, or communications networks.
- Experience with test automation, data analysis, or system integration.

What We Offer

- Hands-on involvement in real engineering projects from day one.
- The opportunity to work on cutting-edge technologies in satellite communications, telecommunications, energy and agritech sectors.
- A collaborative and supportive engineering environment.
- Mentorship from experienced engineers and opportunities for professional development.
- Exposure to the full product development lifecycle, from concept and prototyping through testing and deployment.
- The freedom to contribute ideas, take ownership, and make a genuine impact on projects.
- Opportunities to attend industry events, conferences, and technical workshops.
- A dynamic and growing company where innovation and initiative are encouraged.

Location

London, United Kingdom

Interested?

We're looking for engineers who enjoy getting stuck in, building and testing hardware, solving problems, and continuously learning. Whether your experience comes from university projects, personal electronics builds, internships, or industry work, we would like to hear from you.

Contact us at info@farmer-charlie.com