

Electronics Engineering Technician

BIOS, a small, growing start-up that designs and sells LED lighting systems tailored to the biological needs of people, plants, and animals; seeks an energetic, well organized and highly motivated electronics engineering technician for a half-time position.

Essential technical skills

- Obtained an Associates degree or better in Electronics Technology or similar field + 5 yrs nonacademic, relevant work experience.
- Skilled in the use of prototype SMT assembly equipment and materials (reflow oven, hot-air tool, stencil, hot-plate, etc.)
- Able to troubleshoot and repair analog and digital circuits
- Competent in using electronic test equipment, such as oscilloscopes, multimeters, bench power supplies, etc., and selecting equipment necessary to complete tasks
- Capable of conducting tests and inspections of products to assess quality and performance
- Comfortable relating schematics, BOMs, circuit card layouts to physical circuits
- Able to identify and perform routine maintenance on laboratory equipment
- Possesses a basic understanding of Electronic Design Automation software, and at minimum, a willingness to learn basic printed circuit board layout

Essential personal skills

- Time management – the successful candidate must be able to meet commitments and manage his or her own schedule
- Service oriented attitude – actively looking to assist and learn new skills
- Excellent verbal and written communications ability at a technical level with engineers and scientists
- A good sense of humor

Advantages

- Experience with printed circuit board layout
- Comfortable with microcontrollers and low-level digital communication protocols, such as UARTs, I²C, and SPI protocols
- Familiarity with thermal and optical test equipment and procedures
- Experienced in purchasing electronic components and managing BOMs
- Experience working in small, fast-moving start-up work environments