

---

## Job Description

**AhuraTech is seeking an electrical engineer with either 1) an MSEE and three years of experience or 2) a PhD EE to join our research team. The ideal candidate will possess domain expertise in physics, optoelectronics, radiofrequency, and system development. The candidate is expected to solve complex problems and, in collaboration with a multidisciplinary team of research scientists, take a broad perspective to identify innovative solutions integrating electrical engineering with physics and life sciences. The successful candidate will work independently, with minimal guidance, and should be comfortable and experienced in leading research and product development projects.**

### Key Responsibilities

- Develop working models based on the company's technology that demonstrate the capabilities and applications for the technology. Product development expertise and experience with optoelectronics are a priority.
- Technically lead and/or execute engineering projects, including the development of key suppliers.
- Identifying and resolving a wide variety of complex electrical problems.
- Provide specifications for the design, development, or modification of engineering assemblies, layouts/schematics, and/or detailed drawings/specifications.
- Design, develop, and manufacture optoelectronic and microelectromechanical systems (MEMS), including bio-MEMS and implantable microsystems.
- Interface with fellow scientists regarding complex electrical issues for specific projects.
- Develop concepts and solutions for a diverse range of complex product issues and problems.
- Generate product specifications and conduct engineering analysis of complex scope.
- Work closely with the company counsel to document intellectual property and conduct prior art searches.
- Write grant proposals as needed.

### Functional Knowledge

Demonstrates breadth and depth of expertise in optoelectronics, RF and physics. Either an MSEE with three years of experience in a field other than academia or a PhD. Priority is given to candidates with competence in product development, biology (including protein, immunology, molecular-biology skills), and physics.

### Business Expertise

Interprets internal and/or external business challenges and make recommendations on how to improve products, processes, or services through the use of best practices.

### Leadership

Comfortable working with other PhD level scientists and engineers. Extensive experience leading research and product development projects and meeting targets.

**Problem Solving**

Utilizes advanced analytical abilities and critical thinking to identify novel and effective solutions to complex problems.

**Interpersonal Skills**

Communicates and collaborates effectively with other PhD level scientists and engineers. Effective written and oral communications.

**Education**

MS or PhD in Electrical Engineering

**The Company, AhuraTech, is a research firm located in Brighton, MI, whose business model is to invent and supply. The brilliant team of AhuraTech scientists and engineers have more than 75 issued patents to their credit. The company offers competitive compensation and benefits that are commensurate with the individual's accomplishments. To receive a job application, send your CV to [lori@ahuratech.com](mailto:lori@ahuratech.com).**

Job Type: Full-time

Location: Brighton, MI