

SEMICONDUCTOR RESEARCH FACILITY - SENIOR RESEARCH ASSISTANT

Requirements:

- Master's and bachelor's Degree (with very good grades) in Physics, Chemistry, or Electrical Engineering.
- Valid driving license in Kuwait.

Job Responsibilities:

1. Assist in the design, setup, and execution of semiconductor experiments under the guidance of the principal investigator.
2. Collaborate with team members to analyze semiconductor materials and devices, documenting findings accurately.
3. Support the development and implementation of semiconductor characterization techniques and testing protocols.
4. Coordinate sample collection and data acquisition from semiconductor fabrication facilities and research partners.
5. Conduct detailed semiconductor analyses using advanced laboratory equipment and software tools.
6. Record and maintain comprehensive records of experimental procedures, results, and observations for further analysis.
7. Contribute to the preparation of technical reports, presentations, and research publications.
8. Perform other tasks as directed by principal investigators and supervisors to support ongoing research efforts.

Preferred Skills:

- Proficiency in semiconductor device physics and characterization techniques.
- Experience with semiconductor fabrication processes and cleanroom protocols.
- Familiarity with semiconductor analysis tools, including SEM, TEM, and AFM.
- Strong analytical and problem-solving skills, with attention to detail.
- Ability to work effectively in a collaborative research environment and adapt to evolving project requirements.

Interested candidates, kindly send your curriculum vitae (C.V) to Dr. Bader Aldalali, Email id:

bader.aldalali@ku.edu.kw