

Research Assistant (RA) or Postdoctoral Research Assistant position available in Prof. Chi Hwan Lee's group

We are seeking several highly motivated research assistant (RA) or postdoctoral research assistant to join our dynamic research team. This position offers an exciting opportunity to contribute to cutting-edge research in electronic and optical systems, with a special emphasis on smart contact lenses.

Responsibilities:

- Design and testing of electronic circuits and printed circuit boards (PCBs)
- Development and integration of firmware for embedded systems
- Contribute to signal processing tasks, including data analysis and algorithm development
- Help maintain laboratory equipment and ensure a safe working environment
- Required but not limited to: perform additional tasks related to research projects as needed

Minimum Requirements:

- Understanding of circuit theory and PCB design, including the ability to approach these systematically
- Demonstrated experience in circuit design and PCB design
- Familiarity with electronic testing and diagnostic tools
- Strong communication, responsibility, and organizational skills
- Ability to work independently and as part of a team

Preferred Skills:

- Experience with firmware design for embedded systems
- Knowledge of signal processing techniques and tools
- Understanding of machine learning principles and applications
- Familiarity with optical systems and related technologies
- Specific experience or interest in the development of smart contact lenses

If you meet the requirements and are passionate about this field, please submit your CV and contact Prof. Lee (lee2270@purdue.edu).

Our group's website: <https://engineering.purdue.edu/StickTronics/>