

INTERNS FOR INDIANA

# NEURAVA LLC

## Hybrid Internship in West Lafayette

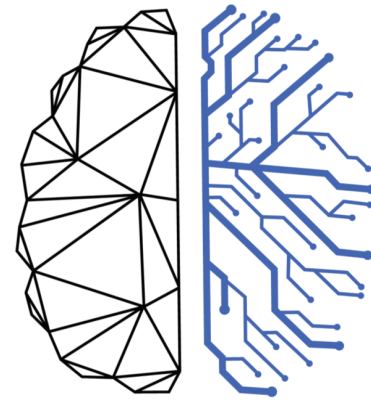
Neurava LLC is a medical device company located in West Lafayette, Indiana aiming to help patients with uncontrolled epilepsy take back control of their lives.

SUDEP, or sudden unexpected death in epilepsy, is a terrible risk faced by 65 million people worldwide and nearly 3.5 million Americans. With nearly 4,000 deaths occurring each year from SUDEP, 101,000 years of potential life are lost annually, which is second only to stroke.

There is currently no device on the market that monitors SUDEP risk. To tackle this unmet need, Neurava is developing N1, the first-of-its-kind SUDEP risk detection device and algorithm.

### RELEVANT FOR:

- ECE
- EE
- ME
- BME
- CS



## NEURAVA

Interns will work to build on an existing foundation by integrating sensors and developing a wearable device and developing the novel SUDEP risk detection algorithm. An intern will work on integrating fully developed sensors with the microcontroller on the motherboard circuit board.

Another intern will work on developing and validating a dysfunction detection algorithm based on data previously collected both in humans and animals using signal processing and possibly machine learning.

Interns will have the opportunity and experience of developing a translational medical device that will be tested on human patients. Successful completion of the MVP will allow Neurava to raise more funds to begin to create a commercially viable product.

**Upon completion of the internship project, students will receive a \$6,000 scholarship.**

**APPLY HERE**