R&D Engineering Intern

909 Davis St, STE 500
Evanston, IL 60201
https://www.rhaeos.com

Contact:
info@rhaeos.com

Job Description

Position Overview
We are seeking motivated and talented interns to join our team for a Fall internship. The selected candidate will play a crucial role in supporting our research and development efforts, primarily focusing on benchtop model creation, data collection, exploration of existing technologies, and clinical/technology research for new platform indications.

Specific responsibilities include but are not limited to the following:

- Assist in the design and creation of benchtop models for continuous monitoring for hydrocephalus and future platform indications
- Conduct experiments and collect data to support the validation and refinement of wearable sensor prototypes.
- Conduct literature reviews and assist in clinical research related to new platform indications including understanding the current landscape of available technologies and solutions.
- Explore potential commercialization opportunities and contribute to technology research to support future market entry strategies.

Required Qualifications

Work Location

- Authorized to work in the United States
- This position work remotely, and occasionally travel to Evanston, IL and/or Chicago, IL for team meetings, as needed.

Education and Experience

- Pursuing a degree in BME, MechE, MatSci, EE, CS, or a related engineering field.

Skills / Knowledge

- Experience with experimental design, data collection, and analysis.
- Proficiency in literature review and research methodologies.
- Excellent communication and teamwork skills
- Enthusiasm for healthcare innovation and improving patient care.

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Desired Qualifications

Competitive candidates will have relevant technical experience through coursework, research, and/or industry experience with one or more of the following:

- Prior experience working with flexible electronics or wearable sensor technologies.
- Familiarity with anatomical and physiological modeling using 3D printing.
- Proficiency in CAD software (SolidWorks or equivalent) for rapid prototyping.
- Data analysis & visualization using Python (Pandas, Numpy, SciPy, Matplotlib)
- Finite Element Analysis (FEA) simulations for product design and validation
- PCB design for rigid-flex electronics (Altium, Eagle, or equivalent)

Other

- Work Location: Evanston, IL.
- This opportunity supports both full-time and part-time capacities starting Fall 2024.
    - Interested candidates may also apply for Spring/Summer 2025 positions

How to Apply:

- Interested candidates should submit a resume to careers@rhaeos.com. Please include your name and "R&D Engineering Intern" in the subject line