

	R&D Engineering Intern	<p>400 N Aberdeen St, STE 575 Chicago, IL 60642 https://www.rhaeos.com</p> <p>Contact: info@rhaeos.com</p>
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Job Description
<p>Position Overview</p> <p>We are seeking motivated and talented interns to join our team for an 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.</p> <p>Specific responsibilities include but are not limited to the following:</p> <ul style="list-style-type: none"> ● 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
<p>Work Location</p> <ul style="list-style-type: none"> ● Authorized to work in the United States ● Position is fully in-person in at Rhaeos lab in Fulton Market Chicago <p>Education and Experience</p> <ul style="list-style-type: none"> ● Pursuing a degree in BME, MechE, MatSci, EE, CS, or a related engineering field. <p>Skills / Knowledge</p> <ul style="list-style-type: none"> ● 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.
Desired Qualifications

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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: Chicago, IL.
- This opportunity supports both full-time and part-time capacities starting Jan 2025.
 - Interested candidates may also apply for Spring/Summer/Fall 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