



R&D Engineer I

400 N Aberdeen St, STE 575
Chicago, IL 60642
<https://www.rhaeos.com>

Contact:
info@rhaeos.com

Job Description

Position Overview

We are seeking a motivated and talented engineer to join our team. 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
- Position is fully in-person in at Rhaeos lab in Fulton Market Chicago

Education

- BS degree in BME, MechE, MatSci, EE, or a related engineering/scientific discipline

Skills / Knowledge

- Experience with experimental design, data collection, and analysis.
- Data analysis & visualization using Matlab or Python (Pandas, Numpy, SciPy, Matplotlib)
- Proficiency in literature review and research methodologies.
- Excellent communication and teamwork skills
- Enthusiasm for healthcare innovation and improving patient care.

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<p>Desired Qualifications</p>
<p>Competitive candidates will have relevant technical experience through coursework, research, and/or industry experience with one or more of the following:</p> <ul style="list-style-type: none"> • 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. • Finite Element Analysis (FEA) simulations for product design and validation • PCB design for rigid-flex electronics (Altium, Eagle, or equivalent)
<p>Other</p>
<ul style="list-style-type: none"> • Work Location: Chicago, IL. <p>How to Apply:</p> <ul style="list-style-type: none"> • Interested candidates should submit a resume to careers@rhaeos.com. Please include your name and "R&D Engineer I" in the subject line