

Mechanical Engineer wanted

Axem Neurotechnology is building brain-sensing technology to help athletes monitor and improve their mental practice.

We are searching for a creative, self-motivated mechanical engineer to help us develop a mobile functional near-infrared spectroscopy system for measuring brain activity in an over-the-head headphones form factor.

As part of a small, dynamic team, **the position will require the individual to lead iterative prototype development**, including...

- Generate design solutions that increase the prototype's signal-to-noise ratio and/or improve form-factor, in collaboration with electrical engineers and neuroscientists
- Critique and iterate on designs from an industrial designer using CAD
- Select and source materials for new prototypes
- Fabricate and assemble new prototypes
- Design for manufacturability
- Generate corresponding documentation and BOMs

Bachelor of Engineering in Mechanical Engineering required.

Highest priority will be given to: individuals with formal work experience that includes hands-on prototyping and fabrication; individuals with expertise in CAD; individuals with expertise in optics and/or electronics.

Factors that will also contribute to success in this position are...

- Being a pragmatic thinker who considers opportunity cost
- Being a creative thinker
- Experience with engineering problems involving optics
- Experienced in cost optimized product design
- Good communication skills

If interested, please forward your CV to Chris Friesen at chris@axemneuro.com



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