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## Research Engineer

Neuralight is on a mission to help hundreds of millions of people suffering from Neurological diseases. We are looking for an ambitious research engineer to join our team!

As a research engineer at NeuraLight you will contribute to the development of a medical tool that pushes technological and scientific boundaries. You will face a great variety of challenges - time series analysis, statistical inference, data science and data engineering.

To succeed, you will need to leverage your unique skills, starting from generating mathematical and statistical ideas, translating them to algorithms and ending with writing a production-quality code. As we are a small and growing startup, your initiative and your ability to choose the most promising research directions will be essential.

### What you'll do:

- Face challenges in time series analysis for finding patterns in eye and gaze movements and statistical inference and data science to infer conclusions about patients as well as healthy subjects,
- Own a complete research cycle, from requirements to design, implementation, and benchmarking, producing innovative solutions for core company problems.
- Be a part of the building phase of a research team that is taking a core role in developing a medical tool that will change the treatment in neurology.

### What you'll need:

- Ability to thrive in a fast-paced startup working environment
- 3+ years of experience as a developer/researcher
- MSc. in CS/Math/Statistics/EE/similar or equivalent industry experience
- Deep understanding of statistical ideas - plus
- Experience in time series analysis - plus
- Experience in data engineering - plus
- Alignment with NeuraLights' core values (see below)

## About NeuroLight:

NeuroLight is a VC-backed venture on a mission to transform the lives of billions of people impacted by neurological disorders by digitizing neurological evaluation and care.

Our AI-driven platform integrates multiple digital markers to accelerate and improve drug development, monitoring, and precision care for patients with neurological disorders.

The technology driving the platform includes proprietary Machine learning algorithms which automatically extract a host of digital oculometric markers from facial videos captured with a standard smartphone or webcam.

NeuroLight's founders are repeat entrepreneurs and industry veterans (including both the co-founder of Chorus.ai and the founding CTO of Flatiron health) leading a 30-strong team, supported by renowned neurologists and 2 Nobel laureates as well as a stellar Scientific Advisory Board, and have raised \$30.5M to date.

### Our Core Values:

#### **We are on an urgent mission**

- Both as a team and as individuals we are driven by a mission to transform neurology and save and improve people's lives.
- The stakes are high, and we understand we need to take risks and be bold. We avoid stagnation, make decisions as soon as possible, and do our best to make progress, and deliver quickly and effectively.

#### **We are psychologically safe**

- We encourage everyone to speak up, be vulnerable and take initiative with ideas, questions, concerns or mistakes.
- We respect everyone and take their thoughts and opinions seriously.
- We celebrate each other as individuals and professionals, we are an empowering team.

#### **We enjoy the ride**

- We believe the journey is not less important than the goal, so we do our best to enjoy the ride.
- We are proud of what we do and celebrate our successes, we exude optimism in face of the serious and long-haul challenges we face.

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