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## Computer Vision Researcher

NeuraLight is hiring!

We are looking for a talented, experienced and ambitious **Computer Vision Researcher** to join our R&D team!

You will be responsible for designing, developing, and implementing cutting-edge deep learning algorithms to solve complex computer vision problems.

In this role you will be an integral part of our research team, collaborating closely with fellow researchers, ML engineers and data scientists. You will work in a hybrid environment that fosters ongoing learning and encourages both personal and professional growth.

The ideal candidate should be a team player with a strong background in deep learning, machine learning, and programming, with a proven track record of developing and deploying successful deep learning models.

### About the Role:

- Develop cutting-edge computer vision models to solve our business and product needs, using NeuraLight's proprietary datasets.
- Take complete ownership of algorithmic developments from inception to implementation
- Conduct research for latest advancements, evaluate existing models and techniques, and propose innovative approaches to improve algorithm performance and accuracy.
- Work in a collaborative and versatile environment, working alongside a team of engineers and researchers
- Mentor others in Deep Learning and computer vision areas.
- Witness your algorithms in action within days of deployment, making a real impact in clinics.

**About You:**

- Aligned with NeuraLight's core values (see below)
- A team player who has a passion for empowering their team and company and thrives in a positive and collaborative culture
- Passionate about creating positive impact.
- Experienced (4+ years) developer/researcher:
  - (2+ years of) proven experience in developing deep learning algorithms in Python
  - Solid SW engineering background
  - Background in computer vision
- Fluent in Python + Deep learning framework such as Pytorch.
- Eager to design, train and analyze DL models from scratch.
- B.Sc. in Computer Science / Electrical Eng or equivalent, M.Sc. - Advantage.
- Bonus: experienced with running machine learning models in production
- Bonus: experienced with using AWS or a similar cloud platform for data and ML workflows

## About NeuraLight:

At NeuraLight, we're on a mission to transform the lives of billions affected by neurological disorders. Our AI platform, driven by proprietary Machine Learning algorithms automatically extracts digital oculometric markers from facial videos captured with a standard smartphone or webcam. This accelerates drug development, enhances monitoring and refines precision care. With \$30.5 million raised, and support from neurologists and Nobel laureates, we're redefining neurological care - join us on this impactful journey.

## 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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[jobs@neuralight.ai](mailto:jobs@neuralight.ai)