

Data Science Team Lead - Job description

About Us:

GRIN is an award-winning early stage start-up. It's mission is to reduce the cost and complexity of dental-orthodontist care. And it is doing so with disruptive technology as well as first-of-it's-kind market approach. Grin is building a multi-sided platform that gives users a radically convenient customer journey, and empowers doctors to deliver patient centric, responsible care for all types of smiles.

We are looking for a computer vision algorithms expert, who will participate in the development of our core technology. The algorithms team is focused on developing the next generation of teledentistry using AI tools and methods. Our goal is to minimize the physical interaction of the patients during treatment by using Grin technology, which will allow for a future of remote orthodontic care and the future of telehealth.

Main Responsibilities:

The role of the team leader within the Research group requires the ability to work closely with the R&D teams to develop impactful products based on advanced Data Science/Machine Learning/Deep Learning methods. Together with a team, the candidate will develop an understanding of the business needs and goals, and create new functionalities: from ideation to delivery.

As an early member of the Data Science team, the person filling this role will be key to our R&D efforts and will develop core components which perform Computer Vision and 3D-related tasks. These include image segmentation, registration, 3D reconstruction, and deep learning. A successful candidate will assume responsibility for projects in these areas and bring them from early stages of conception to production-level or state-of-the-art performance. The ability to identify and evaluate more advanced approaches from the literature is highly desired.

Requirements:

- Ph.D / M.Sc. Degree in an engineering or science field such as Electrical Engineering, Biomedical Engineering, Computer Science, Applied Math or Physics.
- 5+ years of experience in Computer Vision (including, but not limited to, deep learning).
- Managerial experience.
- Strong Python skills.
- Strong foundation in theories underlying machine learning and AI techniques.
- Ability to design, present and defend a forward-thinking technological roadmap.
- Advantage: knowledge of Computer Graphics.
- Advantage: knowledge of Geometry Processing.
- Advantage: experience with PyTorch/Tensorflow.
- Ability to perform hands-on tasks with full-stack development.
- Autodidact, self-starter with strong communication skills.
- Can-do attitude, self-driven, flexible, intellectually curious, willingness to learn new skills and take on new challenges to meet business goals.
- Ability to work independently as well as in a team.
- Excellent English language communication skills.