

## Wings ICT Solutions

May 10, 2023

ATHENS, GR

### Job Application for Data Scientist (Computer Vision)

## About Me

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My name is Stavros Niafas and I currently work as a Machine Learning Engineer in digital market intelligence. With a proven track record in ML development lifecycle and computer vision, I am well equipped to assist companies and data science teams in effectively transitioning research into production.

## Experience

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As a ML engineer, I have working experience in building reproducible, production-ready machine learning pipelines and productionizing ml projects. I have been involved in various ml projects for computer vision such information retrieval and ranking, image classification/registration, OCR and other data science related domains such market predictive modelling and time series forecasting. In my current role, I keep the ownership of conducting new research, creating proof-of-concepts and prototypes. I work closely with other company stakeholders to identify areas for improvement, implement new ideas and optimize internal KPIs through ml assisted operations.

More specifically as a key member of the data science team, we are responsible to bring ml projects from their inception to production combining effective software practices and modern technology stack. For example, considering a case study to perform information retrieval and similarity ranking utilizing deep visual embeddings acquired from product images, I transformed a monolithic ml application into a scalable, containerized cloud service, able to process thousands of images on a daily basis in real-time performance. Another case study considers a retrieval engine utilizing handcrafted image features, performed on product banner images and social media promos, in order to track advertising campaigns for retail brands. Lastly, I am an advocate of knowledge sharing and as a key member of an engineering team, I am dedicated to contributing my work to open source libraries (e.g. MLflow), writing technical blogs and sharing my knowledge within the company and other communities.

## Few more words..

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I strive to bring my knowledge and experience to bear in my daily work, with the goal of democratizing research and helping data science and engineering teams to bridge the gap between research and production. I am driven by team engagement and collaboration with multi-disciplinary stakeholders to tackle complex and challenging problems. I pursue my next professional opportunity that will allow me to make a real impact in my work and will constantly push me out of the comfort zone. I would be excited to meet your team in Wings and learn more about the role or other potential opportunities.

Sincerely,

**Stavros Niafas**