

## **Back-end Engineer Medical Neurovascular imaging/deep learning**



**(Amsterdam, EU work visa possibility)**

### **Description**

Hoppeexecutivesearch is looking for engineers at Master's and doctorate level with experience in Computer Vision, Machine Learning and Deep Learning.

Hoppeexecutivesearch offers jobs in Europe and around the globe with leading and innovative clients. We supply to highly international teams in corporate research.

### **Requirements**

As a back-end engineer for this innovative organisation in imaging, biomarking and deep learning for neuro-vascular, your tasks will include carrying out leading projects. Your profile:

- You have a bachelor's or Master's Degree in Computer Science;
- You are a back-end engineer: proficient in Python, and experience in developing and deploying applications on Google Cloud, Microsoft Azure, or Amazon AWS;
- You know how to structure and organise your code to maintain a clean logical distinction between different software components;
- You understand the value of unit tests and integration testing, and how to apply these techniques in your projects;
- You have experience of working in an agile environment and you know how to collaborate with front-end developers, testers and business stakeholders to deliver working software in rapid iterations;
- Preferably you also have experience in Node.js and JavaScript, microservice architecture, Google Cloud, Docker, and Kubernetes and you have experience using GIT or similar revision control systems and integrating with CodeShip or Bitbucket pipelines;
- Ideally you understand the medical imaging and DICOM standards;
- You have a strong motivation to contribute professionally to a sustainable organisation, with a meaningful medical product that has impact on life (cardiovascular, neuro and related arenas);
- You are preferably from one of the best institutes on medical imaging: University of Amsterdam or Nijmegen Radboud UMC/Donders, ETH Zurich, University College London, Pierre and Marie Curie; Cambridge Addenbrookes/Wolfson, Universitat Politecnica de Catalunya, University of Alberta, USC Stevens NI Institute, Imperial College, Seoul National University, The Chinese University of Hong Kong, University Lyon, Istanbul Technical University, Fraunhofer MEVIS etc;
- You follow world class medical imaging publications and presentations ECCV, MIA/MIDL, CVPR, NIPS, SIGGRAPH, PAMI, or IJCV;
- Fluent in English, both written and spoken;
- You are strong on teamwork ethics and taking your professional responsibilities.

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### **Benefits**

We are convinced you will find Amsterdam an exciting environment for research and living; for you, and also your family. We typically rank the world list for nicest and easiest and most welcoming cities to live for expats.

You will make visits to our international offices abroad also, and participate in leading conferences and have a link to a nearby leading academic hospital.

- Location: Netherlands. Duration: fulltime positions, unless indicated otherwise.
- **Full EU work visa possibility for non EU candidates.**
- Start date: As soon as possible.
- Option: participation in substantial co-ownership scheme
- Contact Name: Casper Hoppe Email: [casper@hoppeexecutivesearch.com](mailto:casper@hoppeexecutivesearch.com) or use the online application form on :  
<https://hoppeexecutivesearch.workable.com/jobs/242494/candidates/new>