



SENIOR SOFTWARE ENGINEER (M/F/D) AT AN AI VENTURE (QUANTPI)

VENTURE DESCRIPTION

QuantPi GmbH is a spin-off of the Helmholtz Center for Information Security (CISPA), Germany. The venture team develops automated solutions for explainability (XAI) and robustness auditing of AI models which includes the transfer of the latest research in mathematics and machine learning into unique industry-ready tools.

What you will do:

- Contribute to the architecture and delivery process of a scalable software product involving data science and machine learning.
- Work on and improve existing algorithms.
- Solve challenging optimization problems.
- Develop clean, high-performance production codes and document them in a knowledge database.
- Take part in code reviews to ensure the high-quality standards of the product and codebase.

What we look for:

- 5+ years of professional software development experience.
- Expert Python programming skills.
- Solid skills in C/C++ or Java.
- Experience in cloud technologies (e.g. AWS).
- Experience in container/orchestration tools (Kubernetes, Docker).
- Solid knowledge of relational databases and SQL.
- Very good knowledge of design patterns and software design best practices.
- Fully comfortable working in English (written and spoken), German is a plus.
- Experience with ML libraries like scikit-learn, Spark ML or PyTorch/Tensorflow is a big plus.

WHAT WE OFFER YOU

We have entered a decade of disruption, driven by a dramatic shift in the power of technology and the audacity of startups. In order to be fit for the future, visionary companies will deliberately re-imagine themselves by injecting or attacking established business models with new ideas fueled by technology. Now it is your chance to be part of such a venture.

You have the chance to join an expert team at one of the world's most innovative cybersecurity ventures securing society in a digital age.

BENEFITS AND OTHER PERKS

You get the chance to discuss product development with leading researchers and have exclusive insights into the process of gaining market readiness and traction as an early stage venture. Work in an open and innovative environment where professional development is fostered and have access to coaching by world-class experts. Furthermore you get your own area of responsibility and you can be sure that there is an adventure awaiting you.

APPLICATION

If this challenging task appeals to you, we look forward to get to know you. Please send your questions or application together with the usual documents (complete curriculum vitae, certificates, references if available) – summarised in a PDF document – by e-mail to: ventures@cispa.de.