App Developer with Machine Learning Background (m/f/d)

Department Artificial Intelligence in Biomedical Engineering (AIBE), Erlangen, Teilzeit, Befristete Anstellung, Bewerbungsschluss: 20.05.2024

Ihre Aufgaben

The project: The Bavarian State Ministry of Health, Care and Prevention (StMGP) funds a project called KIMALAYA, where we investigate the automatic detection and evaluation of kids’ drawings during a preschool examination. In detail, we would like to use modern deep learning methods deployed to a smartphone app to detect specific parts of the drawing, then judge if the drawings are sufficient according to some criterion (e.g. if a circle is fully closed) and then show the examination results. The following figure shows the overall idea.

Ihr Profil

Notwendige Qualifikationen:

Your background: We are looking specifically for an experienced app developer (Android) who also has experience in using and deploying Deep Learning models on smartphones. Programming expertise in Flutter, Kotlin, and/or Java. We believe that some computations need to be in native environments. Proven record of app development Ability to deploy deep learning models, such as YOLO, and Computer Vision computations (perspective transform, circularity detection, etc.) to apps Knowledge of Artificial Intelligence, ML/DL, Computer Vision, Pattern Recognition => Possibility to also train the models by yourself Fluent in either German or English, at least basic knowledge of German is required Reliable, committed work ethics

Stellenzusatz

Up to 19h/week possible (especially if combined with developing AI models) Hiring as soon as possible* Partly remote working - attending in-person individual and group meetings is crucial

Interessiert?

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