



# Hewlett Packard Enterprise

## [Hackathon Challenge 2023 proposal 2](#)

Resume:

**Level: Beginner/Youth/Intermediate.** Text exists in many formats on a screen - could be 'real' text, could be a vector or an image... Your task is to create an app which scans an image for any readable text in any language and writes it into a file.

**Key points:** App Development, API, Text Recognition, Image Recognition

**Resources/Tools:** <https://rapidapi.com/collection/ai-based-apis>

**Models:**[https://huggingface.co/models? sm\\_vck=QN2FF3Pp037LrqFWNRVsQ34LDNRB6sL7BS6N6FPRCZZF32F2JJnB](https://huggingface.co/models?sm_vck=QN2FF3Pp037LrqFWNRVsQ34LDNRB6sL7BS6N6FPRCZZF32F2JJnB)

**Knowledge Lab:** <https://www.kdnuggets.com/2023/06/ai-large-language-visual-models.html>

<https://modelpredict.com/language-identification-survey>

<https://startup.info/6-best-image-recognition-apis/>

**Public APIs that offer translate/detect:**

<https://translateme.network/api/>

<https://rapidapi.com/search/translation> & <https://rapidapi.com/search/ocr>

<https://azure.microsoft.com/en-us/products/ai-services/ai-vision>

The participants are free to use tools that will assist them in creating the desired outcome, such as libraries, prepared models, bots, api, etc.

This challenge allows you to draw inspiration with already existing developments/apps and make them your own by adding personal touches and creativity that will differentiate you and lead you to winning the hackathon! Good luck and don't be afraid to express your knowledge & imagination!