EUROPEAN INFORMATION TECHNOLOGIES CERTIFICATION INSTITUTE, ASBL.

Brussels, Belgium, European Union

# CERTIFICATE

## Hugo Hartmans

Has successfully completed test requirements of
The European Information Technologies Certification Programme

### EITC/AI/GVAPI Google Vision API

**Certification Programme examination result:** 60%

**Certification Programme description:**

Introduction: introduction to the Google Cloud Vision API, introduction to the Google Cloud Vision API in Python; Getting started: configuration and setup; Understanding text in visual data: detecting and extracting text from image, detecting and extracting text from handwriting, detecting and extracting text from files (PDF/TIFF); Understanding images: detecting crop hints, detecting faces, image properties detection; Labelling images: labels detection; Advanced images understanding: detecting landmarks, detecting logos, objects detection, explicit content detection (safe search feature); Understanding web visual data: detecting web entities and pages; Understanding shapes and objects: drawing object borders using pillow python library

**Certificate Programme version/revision: EITC/AI/GVAPIv1r1**

CERTIFICATE ID: **EITC/AI/GVAPI/SLJ24004408**

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DATE OF ISSUE:
January 2026
Brussels, Belgium
**European Union**