

TaxHWR

Handwriting Recognition for Tax Form Validator

Realization

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Keywords

- Document Image Analysis
- Handwriting Recognition
- Machine Learning

Our skills

Applied Machine Learning for document image analysis

Valorization

Automatic validation of scanned tax forms

Partnership

- TAINA Technology

Funding

Mandate

Schedule

2017 - 2020

The automatic tax form validators of TAINA Technology ensure that only valid tax forms are submitted to financial institutions, reducing costs of manual validation and mitigating operational risks.

In this project, iCoSys develops a system for processing scanned handwritten tax forms. Automatic handwriting recognition is a highly challenging problem that has been an active topic of research for over half a century. We apply and improve state-of-the-art machine learning technology in order to achieve ambitious business targets in terms of recognition accuracy and computational speed under real-world conditions.