PROFILE

Software engineer with 12 years of experience specialized in machine learning.

Deep Learning applied to computer vision is the technology I am passionate about and enjoy the most.

EU Citizen.

LANGUAGES

Spanish: Native
Catalan: Native
English: Fluent
German: Fluent
Japanese: JLPTN3

CERTIFICATIONS & AWARDS

Product Innovation Award by Agfa HealthCare (2016)

Oracle Certified Associate, Java SE 8 Programmer (2015)

Maximum grade in final degree's project by Universitat Politécnica de Catalunya (2010)

JOSE CARLOS
YANEZ NIETO

josecarlosyn@gmail.com
linkedin.com/in/josecarlosyn
josecyn.github.io

SOFTWARE ENGINEER SPECIALIZED IN MACHINE LEARNING

EXPERIENCE

SR MACHINE LEARNING ENGINEER

Money Forward Inc. | Tokyo, Japan, 1/2022 - Present

Money Forward is one of Japan's most crucial fintech companies. As a senior engineer in the AI department, my primary duties are:

- Design machine learning systems for document information extraction.
- Develop ML pipelines in AWS.
- Create computer vision models for object detection and OCR using PyTorch.
- Improve the team's Know-How and mentor new members.

MACHINE LEARNING ENGINEER

Human Resocia Co. Ltd. | Tokyo, Japan, 7/2018 - 12/2021

I was dispatched to NS Solutions R&D team to investigate AI in the manufacturing industry with a strong focus on computer vision. Main duties:

- Led PoC projects from data labeling to demonstration using models like EffcientDet, CenterNet, YOLOv3, and Faster R-CNN.
- Applied quantization and pruning techniques to accelerate inference in different architectures such as CPU, GPU, edge devices, and smartphones.
- Used multiple runtimes: TensorRT, PyTorch, ONNX, CoreML, and SNPE.
- Developed prototype applications using Python, Swift, Java (Android), and C++.

SOFTWARE ENGINEER

Agfa HealthCare GmbH | Vienna, Austria, 11/2012 - 5/2018

- Introduced JEE Technology stack in the project.
- Designed and implemented new features that generated direct revenue such as Outlook synchronization, email/SMS notification, and ICS-Feeds (iCal).

JUNIOR SOFTWARE ENGINEER

Everis, NTT DATA Company | Barcelona, Spain, 10/2009 - 10/2012

- Implemented JMS and Web Services as part of a JEE application.
- Designed and implemented a reporting web portal in PHP.

EDUCATION

Computer Science Bachelor Degree by Universitat Politècnica de Catalunya (Barcelona, Spain, 2005 - 2010)