JOSE CARLOS YANEZ NIETO

SOFTWARE ENGINEER

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PROFILE

Passionate about technology and software development with experience in deep learning and proficiency in Java technologies.

Date of Birth	February 25th, 1987
Gender	Male
Marital status	Married
Living in	Tokyo, Japan
Nationality	Spanish
Educational level	Bachelor's Degree
Japanese level	JLPT N3

EXPERIENCE

DEEP LEARNING ENGINEER

Human Resocia Co. Ltd. (Tokyo, Japan, 7/2018 - Present)

- Since 10/2018 dispatched to a Japanese company in an R&D team.
- Responsible for small projects from data labeling to demonstration.
- Developed computer vision models using state-of-the-art architectures like EffcientDet, CenterNet, YOLOv3 and Faster R-CNN.
- Developed prototype applications using Python, Android, and C++.
- Improved model's efficiency to run on CPU and Android mobile devices.
- Applied quantization techniques using Pytorch.
- Led the evaluation of cutting-edge products of international companies.

SOFTWARE ENGINEER

Agfa HealthCare GmbH (Vienna, Austria, 2012 - 2018)

- Introduced JEE Technology stack in the project.
- Designed and implemented advanced new features that generated direct revenue such as Outlook synchronization, email/SMS notification, and ICS-Feeds (iCal).
- Introduced CI with automated unit and integration tests.
- Worked together with an offshore team in India (Bangalore).

JUNIOR SOFTWARE ENGINEER

Everis, an NTT DATA Company (Barcelona, Spain, 2009 - 2012)

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

EDUCATION

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

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 UPC (2010)

COURSES

MACHINE LEARNING ENGINEERING FOR PRODUCTION (MLOPS) SPECIALIZATION

Coursera (2021)
Machine learning engineering for production combines the foundational concepts of machine learning with the functional expertise of modern software development and engineering roles.

MACHINE LEARNING FOR TRADING SPECIALIZATION

Coursera (2020)
Machine Learning for Trading by Google Cloud & New York Institute of Finance. Implemented quantitative trading strategies with Python and learn how to use reinforcement learning applied to finance.

DEEP LEARNING SPECIALIZATION

Coursera (2018)
Through five interconnected courses, learners develop a profound knowledge of the latest AI algorithms, mastering deep learning from its foundations to its industry applications (Computer Vision, Natural Language Processing, Speech Recognition, etc).

DEEP LEARNING FOUNDATIONS

Udacity (2017)
In this program, we covered topics like TensorFlow, transfer learning, sentiment analysis, convolutional, recurrent networks and GANs. Some topics were presented by authorities such as Sebastian Thrun, Ian Goodfellow and Andrew Trask.

SKILLS

LANGUAGES
- Spanish and Catalan - Native
- English and German - Fluent
- Japanese - JLPT N3 (01/2021)

TECHNICAL
- Python, Pytorch, Darknet, Keras, Jupyter Notebook
- Java JEE, JMS, Web Services JAX-RS
- SQL, Oracle DB
- Git, SVN, Eclipse IDE, Maven, Jenkins
- Scrum, Kanban, Jira

INTERESTS

Travelling, photography, technology meetups, cars, sports, learning new languages and many more!