

Salvador López Trigueros

SEVILLE / ÉCIJA, SPAIN

Junior Software Developer | Machine Learning & Data Science

Python · Java · Scikit-Learn · Spring Boot · SQL

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📁 sloptri.github.io



— PROFESSIONAL PROFILE

Software Developer with a solid foundation in backend architectures (Java and Spring Boot) and specialized in Artificial Intelligence and Big Data (Python, Machine Learning, Deep Learning, and Computer Vision). Focused on Clean Code, data pipeline design, and building results-oriented predictive models.

— TECHNICAL SKILLS

Data & Machine Learning:	Python, Pandas, Scikit-Learn, ML Pipelines, Feature Engineering, GridSearchCV, EDA.
Software & Mobile:	Java, Spring Boot, SQL, Android Architecture, Git.
Languages:	Spanish (Native), English (Professional Working Proficiency / Technical).

— FEATURED PROJECTS

Early Detection: Student Mental Health ML	Python · Scikit-Learn · Pandas
<ul style="list-style-type: none">Built a multiclass classification model (4,500 records) with robust preprocessing pipelines and class balancing to predict student risks related to social media usage.Optimized via GridSearchCV and Logistic Regression, achieving an 87.9% Recall on the critical minority class to prevent false negatives in health interventions.	
SCalc – Delivery Driver Metric Calculator	Android (Java)
<ul style="list-style-type: none">Developed a mobile application for delivery drivers to track net earnings and operational metrics in real time.	

— PROFESSIONAL EXPERIENCE

Android & Backend Developer (Internship)	Dinaprise	Oct. 2025 – Mar. 2026
Implemented business logic and robust backend architecture using Java and Spring Boot, built native Android UI components and managed SQL databases.		
Web Developer (Internship)	Evirom	Jan. 2025 – Mar. 2025
Engineered the interactive web catalog 'kbevi' using PHP, HTML, CSS, and relational SQL data modeling.		
Hardware & Systems Technician (Internship)	Colour Technology	Apr. 2024 – Jul. 2024
Performed advanced diagnostics, component-level repair, and maintenance across IT systems and mobile devices.		

— EDUCATION & CERTIFICATIONS

Specialization Course in AI & Big Data	Planeta FP	2026 – 2027
Higher Vocational Degree in Multiplatform Application Development (DAM)	Antonio Gala	GPA: 9.2/10 2024 – 2026
Vocational Degree in Microcomputer Systems & Networks (SMR)	Antonio Gala	GPA: 9.1/10 2022 – 2024