Antonio Vallejo Fernández

Software Engineer

📅 20 January 1995

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About me

Industrial Engineering student with passion for technology; training in Machine Learning, Deep Learning and AI development. Currently working on computer vision and web-app development with Angular.

Languages

Spanish

English

Japanese

French

Experience

since 02/19	Indra Sistemas - Sofware Engineering Intern	Madrid

Development of an OCR application in a dedicated team. Both Front and Back-End development. Use of Cloud services to power the application. Responsive and mobile design. Use of Angular and Java.

Education

since 09/13	Bachelor's Degree in Industrial Engineering	Madrid

Focus on programming, robotics and automation.

2014-2017	B1 in Japanese Language Certification	Madrid

3 years of learning Japanese with passing grades in all categories: listening, writing, grammar and oral communication.

Certificates

2019	Machine Learning A-Z: Python & R in Data Science.
2018	Big Data Analysis Techniques.
2018	Introduction to Computer Science and Programming Using Python.
2017	Madrid's Official Language School - Japanese B1.
2013	First Certificate in English - B2.

Specialized Skills

🐍 Python

Data analysis, optimization, Machine Learning and Deep Learning models. Artificial and Recursive Neural Networks. Web Scraping. UI development. Object-oriented programming.

🤖 ROS (Robot Operating System)

Completed online courses concerning robot creation and manipulation with ROS. Courses completed: ROS basics, ROS Manipulation, TF ROS 101, ROS Industrial 101 y ROS Control 101. Degree Final Project consisting of 3D printing and assembling a robot and programming it with ROS and Python.

🐙 Version Control

Use of Git, GitHub and Bitbucket for both solo and team projects.

</> Application and web development

Front-End and Back-End development. Use of HTML/CSS, TypeScript, JavaScript, jQuery, bootstrap, Angular, Apache Cordova and Java.

Use of package and dependency managers like Yarn or npm to ease team development.

Other Skills

- Linux and command line (Use of commonplace distributions such as Ubuntu, Debian or Mint. Server basics.)
- Familiar with C/C++, Matlab and R programming languages.
- LaTeX coding for technical and scientific documents.
- FPGA programming using VHDL.
- IoT development with Arduino and Raspberry Pi.
- Driver's License.