Pedro **Ruiz**

SOFTWARE ENGINEER · EU CITIZEN

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Career goals

I'm an engineer with experience in data and consumer behaviour. Computers have always been my passion, that's why I decided to join 42 Madrid and become a developer. This has been a process in a disrupting school founded in Paris based on peer to peer learning and self-education, methods with which I identify myself and that I used in other important aspects of my life. My goal now is to advance as a professional in the field being part of a team where I can dedicate and contribute with my high motivation and work ethics.

Experience

Indra *Remote*
SOFTWARE ENGINEER *Feb. 2022 - Current*
- Working with the Flight Data Processing module and Database Manager of their ATM system. C/C++, Ada & PostgreSQL.

Appen Australia *Remote*
ADS ASSESSOR *Jan. 2017 - Dec. 2020*
- Ensured ad quality and better user experience with Google and Youtube ads.

ETSIAM - Universidad de Córdoba *Córdoba, Spain*
DATA SCIENCE INTERN *Jul. 2015 - Sep. 2016*
- Developed Python scripts to automate data analysis and statistics to support MSc Theses @ ETSIAM Economics Department.

ETSIAM - Universidad de Córdoba *Córdoba - Spain*
GENETIC ENGINEERING INTERN *Sep. 2013 - Sep. 2014*
- Learned about statistics, PCR and genetics. Searched for genetic markers for androsterility in Apium Graveolens.

Education

42 Madrid *Madrid (Spain)*
SOFTWARE ENGINEERING *Jan. 2021 - Current*
Learned about algorithms, network protocols, memory management & data structures.

Universidad de Córdoba *Córdoba (Spain)*
BSc AND MSc IN AGRICULTUAL ENGINEERING *Sep. 2008*
Focused in Economics, Genetic Engineering & Scientific Research.

Wageningen Universiteit *Wageningen (The Netherlands)*
MSc IN MANAGEMENT, BUSINESS AND CONSUMER BEHAVIOUR *Aug. 2012*
Learned about marketing, consumer psychology & business management.

Other Courses *Online*
STANFORD UNIVERSITY - MACHINE LEARNING
GOOGLE - FOUNDATIONS OF PROJECT MANAGEMENT

Personal Projects

Multiplayer Pong
[ANGULAR, NESTJS, POSTGRESQL] ENTIRE WEBGAME WITH MULTIPLAYER CAPABILITIES AND A CHAT, DEPLOYED WITH DOCKER. *2022*

Personal website
[HUGO, HTML/CSS, DOCKER, GITHUB ACTIONS] AUTOMATED SELF-HOSTED WEBSITE WITH A MINIMAL THEME. *2021*

Car price prediction
[PYTHON] MACHINE LEARNING USING A GRADIENT DESCENT ALGORITHM TRAINING. *2021*

Containers
[C++] VECTOR, STACK, MAP AND SET MADE FROM SCRATCH, INCLUDING A RED-BLACK BINARY TREE. *2021*

MiniRT
[C] RAYTRACER MADE FROM SCRATCH WITH NO EXTERNAL LIBRARIES. *2021*

Skills

Advanced C, C++, Ada, Python, Typescript, NestJS, Angular, Docker, PostgreSQL, Git, Linux
Languages Spanish & English (fluent)
Other I play guitar in a rock band since 2011. Building electronic devices like tube amps and guitar effects. 3D printing.