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.

42 Madrid   *Madrid, Spain*
PEDAGOGY ASSISTANT   *July 2021 - Aug. 2021*

- Supporting the staff during the 4 weeks of new candidates selection process.

Appen Australia   *Remote*
ADS ASSESSOR   *Jan. 2017 - Dec. 2020*

- Ensured ad quality and better user experience with Google and Youtube ads.

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.

Personal Projects

Infrastructure as a code applied to my own server
[ANSIBLE, DOCKER, DEBIAN] AUTOMATED SERVER INSTALLATION AND CONFIGURATION   *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*

IRC Server
[C++] BASED ON THE RFC PROTOCOL AND SUPPORTS MULTIPLE COMERCIAL CLIENTS.   *2021*

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

Minishell
[C] PERSONAL SHELL THAT MIMICS BASH BEHAVIOR MADE FROM SCRATCH.   *2021*

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

Skills

Advanced   C, C++, Ada, Python, Typescript, NestJS, Angular, Docker, Ansible, 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.