

ROBERTO ALONSO PEREZ

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IMPORTANT POINTS

- Teacher of **MySQL8** at Vocational Training Courses (**Web Application Development- DESARROLLO DE APLICACIONES WEB at IES. MARÍA ENRIQUEZ in GANDIA and COLEGIO LA PURÍSIMA in VALENCIA**).
- Teacher of **HTML, CSS, Javascript** at Vocational Training Courses.
 - English title **C2**.
 - FULLSTACK Developer: MySQL8/DB2/MongoDB/MariaDB/Firebase, Node.js/PHP Laravel, Symfony, React.js/Angular, JQuery, Webpack, Babel, AJAX, Bootstrap 5, Tailwind CSS, Materialize CSS, SASS, Flexbox CSS, GRID CSS
 - I develop in the stacks MERN (MongoDB, Express, React, and Node.js), MEAN (Angular), LAMP, (Linux, Apache, MySQL, PHP) and Nodejs with MySQL
- **Currently studying an online "MASTER IN FULL STACK DEVELOPER"**.
 - Client: React (Redux, Real Time, Queues, Events, Sockets), Angular, Javascript Vanilla, Typescript, CSS, SASS,
 - Server: MongoDB, Nodejs, Express, MySQL.
- **Almost finished an online "MASTER IN SOFTWARE ENGINEERING AND SECURITY SYSTEMS"**.
 - Web development: **NodeJS**, **PHP**, **HTML 5**, CSS, JQuery, Spring Java, Ajax, VSCode, GitHub, Bootstrap, XML, JSON, WSDL, SOA o SOAP.
 - Development in **.NET**, **Java** in environments: Netbeans, Eclipse, Visual Studio.
 - Mobile application development: **Android** Studio,...
 - Agile techniques: **Scrum**, XP, **Kanban** o Lean
 - Cloud Development: Google cloud computing, Microsoft **Azure**, **Amazon Web Services**.
 - DataBases: SQL, MariaDB.
 - Direction and project management: **Sinapsis**, MS Project.
 - Security management and auditing : **OWASP ZAP**, **eMarisma**, Paros, Burp Suite, NMAP, ModSecurity, Magerit, **Fortify SCA**, Microsoft Threat Modeling Tool, HP Webinspect, Scuba, Soap, TORproject o herramientas OSINT.
- **Python Advanced Level with a Certificate at University**
- Definitive Official Professor at the I.E.S. María Enríquez (Gandía) at Vocational Training Courses of Computers.
- Programmer with experience in C, C ++

ACADEMIC TRAINING

- Computer Engineering Degree: Electronics and Computer Engineering Degree, Industrial Engineering and real-time (Reactive computing) at the Valencia Polytechnic University (Spain). The fourth and fifth courses, done in an academic year.
- Degree in Computer Science in the field of Physical Computer Systems at the Valencia Polytechnic University (Spain).
- Final Year Project (Dissertation) "Memory Management in Real-time Systems", D.I.S.C.A. (Department of Computing Engineering)
- Undergraduate in MSc in Computer Engineering at the University Department DISCA (Valencia Polytechnic University). Research Orientation.

- Undergraduate in Telecommunication Engineering at the Valencia Polytechnic University (Spain), 1st and 2nd course. Electronic Systems.

WORKING EXPERIENCE AS A:

- ASSOCIATE PROFESSOR AT THE VALENCIA POLYTECHNIC UNIVERSITY:

1-10-2006 – 31-9-2007: Professor of training in Language C++ in the D.I.S.C.A (Department of Computing Engineering) at the Valencia Polytechnic University.

1-10-2008 – 31-9-2010: Professor of computer networks in the D.S.I.C

(Department of Computerized Systems and Information Technology) at the Valencia Polytechnic University.

WORKING EXPERIENCE AS :

- SCHOOL DIRECTOR IN HIGH SCHOOL

1-7-2006 – 31-6-2010: Director in the secondary school “Jaume II El Just”, Tavernes de la Valldigna (Valencia) Spain. With 130 teachers under my responsibility..

- PROFESSOR IN A VOCATIONAL SCHOOL-INFORMATICS

21-5-1998 – 30-6-2021: Professor in Computer Science on Higher Levels Education Cycles in a Vocational School and internship adviser in companies, with permanent-post and as a civil servant.

Taught subjects: Language C++, Language Java, Network Services, Computing Security, Local Area Network, Database, Development Environments, Java.

WORKING EXPERIENCE:

- IN PRIVATE COMPANIES

23-02-1996 - 31-12-1996: S.B.S AITANA (AN I.B.M. COMPANY)

MIGRATION “DIGES AND DICONTA APPLICATIONS” FROM LANGUAGE C OF MSDOS TO LANGUAGE C OF AS/400(ILE/C 400)

23-07-1997 – 26-9-1997: DECOM VALENCIA SL

ANALYSIS AND PROGRAMMING RPG/400

COMPUTER LANGUAGES

- Language JAVASCRIPT, PHP, at Vocational Training Courses.
- Language C, C++. Professor of practice at the Valencia Polytechnic University.
- Language Python
- Language A.D.A Real-time control systems at the Valencia Polytechnic University.
- Language RPG en AS/400: AT I.B.M.
- Languages Assembly Language (Machine),Pascal,...at the Valencia Polytechnic University.

LANGUAGES:

- Spanish: Native speaker.
- Catalanish (Valencianish): Native speaker
- English: title of C2
- Russian: I am now studying at the B1 level. Courses at the State Linguistic University of Minsk (Belarus)
- German: I am now studying at the B1 level. Enrolled at the Goethe Institute of Valencia
- French: Basic level

FORMER POLITICAL POST:

- Education counselor, Sports councilor, Tax councilor, Music school manager, New technologies councilor in the town council in Rotova, (Valencia) Spain.

TECHNOLOGICAL TEACHER TRAINING

- Pedagogical Adaptation Course (cap) at the Polytechnic University of Catalonia (Barcelone).
- Master’s degree in RPG (I.B.M.)
- Introduction to Scientific and Technological research. (Santiago Grisolia).
- Windows NT. Operating system and Network operator.
- Windows NT server. Local Area Networks and Internet.

- Standard software packages in Windows .
- Software applications in Management (MS Office).
- Social coexistence and Conflicts Management Techniques.
- Intervention strategies: Discipline problems in the classroom.
- Emotional education in the Tutorial action plan.
- Surfing on the internet.
- Seminars on Corporate Motivation.

HOBBIES

- Community Works: Teaching Spanish using Russian language for free at Red Cross for Ukrainian refugees.
- Amateur running races.
- Non-professional football.
- Language learning.
- Traditional Valencian cuisine and listen to music.