

Eduardo Inglés Sánchez

BSc on Computer Engineering

Personal Information

Age: 25
Murcia, Spain

es@eduardoingles.es
http://eduardoingles.es
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Languages

Spanish (Native language)
English B1
French notions

Interests

Internet of things
Big Data environments
Computer networks
Web deployment & design
SEO & Social Media
Business programs (ERP & CRM)

Work experience

Oct '16 - Sep '17

Software and web development

University of Murcia - Odin solutions

Internship based in the development of a Fi-Ware ecosystem with distributed systems like Hadoop and Spark. Deployment of a backend with Scala to communicate with the platform and obtain information about car parking in the city of Murcia.

Mar '15 - Mar '17

Secretary of the organization

Infomun Junior Empresa

Secretary of non-profit organization managed by students that motivate and help students to participate in professional project works with enterprises.

Feb '14 - Jun '16

Computer technician

University of Murcia - ATICA

Internship as computer technician providing technical care to the students in computer labs of the university.

Apr '15 - Jun '15

Web Designer

Computer Science Faculty (FIUM) - University of Murcia

Internship as web designer to create a new Bootstrap responsive theme for the main web of the Computer Science Faculty of Murcia.

Other work experience

Jun '11 - May '17

Free-time Instructor

Enano Verde Espectáculos

Temporary works on holidays and weekends as monitor for an events company.

Jun '10 - May '15

Administrative assistant and miscellaneous works

Infraestructuras Samedo

Miscellaneous works in the office with basic accounting or another tasks.

Education

since 2017

International IT Master of Science

IMT Atlantique, Rennes, France

MSc in Design & Engineering of Convergent Networks

2017

Degree in Computer Engineering

University of Murcia, Murcia, Spain

Specialization in Information Technology

2011

High School Education, Baccalaureate of Sciences

Espinardo, Murcia, Spain

Colegio San José

2009

Secondary School

Espinardo, Murcia, Spain

Colegio San José

2003

Primary Education

Sucina, Murcia, Spain

CEIP Arteaga

Courses

2015 **LOPD Auditor (Organic Law on Data Protection)** Infraestructuras Samedo
Course of 60 hours for the implementation of the Data Protection Act in the company.

Knowledge

The majority of my knowledge is focused/related to the degree of computer science. Besides that, I have skills in web design, search engine optimization of websites (SEO) and social media. I'm also interested in the development of business programs like CRMs or ERPs.

Distributed systems and Big Data

Fi-Ware: Context Broker and Cygnus.
Hadoop & Spark.
gRPC.
REST.
NoSQL databases like MongoDB.

Mobile communications

GSM, GPRS, UMTS, IMS, LTE.
VoIP services (Asterisk).
802.11 protocols, Radius, EAP and WPAN networks (ZigBee, RFID & BLE).

Security

Symmetric and asymmetric cryptography.
X509 certificates.
SSL, IPsec, VPNs.
AAA Architectures.
Network control: SNMP, NMap, Metasploit, IDS (Snort), IPTables.
Authentication: OAuth, SAML, Shibboleth.

Computer Networks

TCP/IP protocols. Abstraction network layers. Policy controls and congestion avoidance methods in TCP.
Wide knowledge in TCP and UDP protocols over IP.
Routing protocols (RIP, OSPF, BGP).
Mobile IPv4 and IPv6.
Software Defined Networks with OpenFlow and POX.
Load balancing and Content Delivery Networks.
Telematic services: DNS, DHCP, FTP, NTP, LDAP.

Programming languages

Java
C/C++
Android development
Scala
SQL
Shell Scripting (Linux)
Python
R
Arduino

Web Development

HTML5&CSS3

JavaScript

Bootstrap (HTML5&CSS3&JavaScript framework)

Django (Python framework)

PHP

MySQL

CMS like Wordpress and Joomla