



ARTIFICIAL  
INTELLIGENCE



CYBERSECURITY



EMBEDDED  
SYSTEMS

+34 609557351



ccvals@linux.com



Madrid, Spain



<https://xift.ai>



[linkedin.com/in/ccvals](https://www.linkedin.com/in/ccvals)



[github.com/Kr0n0](https://github.com/Kr0n0)



### EDUCATION

#### MSc in Artificial Intelligence

UNIR, La Rioja  
2018-2020 (Expected)

#### MSc in Cybersecurity

UNIR, La Rioja  
2016-2018 (Not finished)

#### Computer Engineering Degree

UPSAM, Madrid  
2014-2016

#### MPM (Master of Project Management) PMP - PMBOKv5

CAS Training, Madrid  
2014

#### Technical Engineering in Computer Systems

UPSAM, Madrid  
2000-2012

### LANGUAGES

**English**  
Fluent

**French**  
Fluent

**Spanish**  
Mother tongue

### ABOUT ME

I am an Engineer with more than 25 year-experience in Open Source and GNU/Linux systems. I consider myself a technology enthusiast. During my professional career I have been in continuous learning with different higher education programs, courses and specialization trainings. They have allowed me to move up in heterogeneous fields from cybersecurity to artificial intelligence through a long career in the development of embedded systems.

As a manager I had the opportunity to successfully lead work teams in different locations but today my main value, after more than 4 years as a freelancer and entrepreneur, is my autonomy when it comes to work and my ability to assume responsibilities in decision making.

I like projects that create a technological challenge because technology is my main motivation, keeping up both researching and learning.

### EXPERIENCE

#### 2019 - Present

**Xift**

*Founder | AI / Infosec / Embedded Systems Engineer*

#ENTREPRENEUR #AI #INFOSEC #EMBEDDED

#### 2015 - Present

**Freelance**

*Embedded Operating Systems Expert*

#ENTREPRENEUR #CONSULTANCY #EMBEDDED #INFOSEC

#### 2018

**Madrid Internet of Things Institute (MIOTI)**

*Associate Professor*

#TEACHING #INFOSEC

#### 2015-2017

**EthelHub**

*CEO / Founder*

#ENTREPRENEUR #INFOSEC #EMBEDDED

#### 2012-2015

**Artech Smart Grid**

*Operating Systems D&D Dept. Manager / Project Manager*

#EMBEDDED #MANAGEMENT #INFOSEC

#### 2011-2012

**Sistemas Avanzados de Control**

*Head of Operating Systems D&D / Project Manager*

#EMBEDDED #MANAGEMENT

## SKILLS

Machine Learning  
Deep Learning  
Pentesting / Ethical Hacking  
Reverse Engineering  
Operating Systems D&D  
Hardware  
Project Management (PMP)  
Agile Project Management (SCRUM)

## COURSES

### Artificial Intelligence

Machine Learning with TensorFlow on  
Google Cloud Platform Specialization  
(Google Cloud, Coursera)

Machine Learning (Stanford  
University, Coursera)

### Cybersecurity

Cyberwar - Advanced Offensive Cyber  
Operations (StrategicSec)

DFIR in iOS/Android (Securizame)

Practical Ethical Hacking Training  
(Securizame)

### Embedded Systems

Intro to Zynq Architecture with  
Vivado HDL (Xilinx)

Embedded Linux OS design under  
ARM9 platform (Atmel)

Real-time OS design (ULMA)

### Management

SCRUM Master Training and  
Certification (Xsfera)

Fundamentals of Marketing  
(University of Pennsylvania, Coursera)

Lean Startup and Design Thinking  
(Google Activate)

### DevOps

Official Docker Training (Docker)

## EXPERIENCE

**2008-2011**

*IT Systems Technical Manager / Systems Analyst*  
#SYSADMIN #MANAGEMENT

**Sistemas Avanzados de Control**

**2010**

*Training Collaborator*  
#TEACHING #SYSADMIN

**CICE**

**2006-2009**

*Technological Expert Panelist Collaborator*  
#CONSULTANCY

**TNS Global**

**2005-2008**

*Systems Analyst*  
#SYSADMIN

**Unisys Consulting**

**2005-2008**

*Systems Analyst*  
#SYSADMIN #INFOSEC

**Telefónica Group  
(TD/TdE/TME)**

**2005**

*Systems Specialist*  
#SYSADMIN

**Unisys Consulting**

**2004**

*Systems Internship / Grant Holder*  
#SYSADMIN

**Unisys Consulting**

**2000**

*Junior Developer*

**Join Free Business (JFB)**

## PRESENT AND PAST AFFILIATIONS

Project Manager Institute (PMI)

Project Manager Institute (PMI) Madrid, Spain Chapter

Institute of Electrical and Electronics Engineers (IEEE)

Institute of Electrical and Electronics Engineers (IEEE) Spain Section

Linux Foundation (LF)

Free Software Foundation (FSF)

EuropeanScrum.org

OWASP Foundation

OWASP Foundation Madrid, Spain Chapter

Asociación Española de Inteligencia Artificial (AEPIA)

European AI Alliance (European Commission)