

# Curriculum vitae

## MEZGANI Ali

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Date of birth: 1978.05.19, Rabat, Morocco.

Citizenships: Moroccan.

Native language: French.

Language courses: English (advanced), German (Novice), Amazigh

2003 : Institute of Engineering in Mathematics and Computer Sciences - University of Valenciennes, France

Development of a search engine in (PHP, MySQL)

Development of a translator with hachage functions in PHP

Development of RESA application in (PHP4, MySQL, XML and POP3) modelling in Umbrella

2005 : AFNIC– Paris. Senior Network and Security Engineer

Development of a Puzzle Game over network for two person over Internet protocol in Java

2007 : AL Baraka - Rabat. Chief information security officer - CISO

Development of a scanner web application in Python (Social media, Json, XML, Intelligent threat of exception, injective, surjective functions as example of kind of scanning)

Development of a browser in C++ and Qt based on Webkit Mozilla engine

Development of noor operating system based on Linux Kernel for ARM architecture (Qemu Simulator)

Development and design of a platform for SMS pushing using Kannel for a Banking structure

2011 : Native LABS – Rabat. Co-Founder and CTO

Development and objects modeling an IUTMS (Intelligent Unified Threats Management System) modelling in XMind

Development of a web platform: Tunnel Broker IPv6 / IPv4 as a Transition methods (RFC 3053) (Python, C, Makefile)

Development of the web social media platform Dikr for monajat sharing in (PHP, MySQL) with vote option and messaging

Modeling SDN libraries in Laravel framework and creating a platform for interconnecting remote networks (Iot, cloud platform, routing engines, ...)

2014 : Capgemini - Rabat. Senior Infrastructure and security Consultant

N3 support, Security referent, Linux and Network expert

2015 : DXC Technology (Hewlett Packard Enterprise and CSC) - Rabat. Senior Delivery Lead Linux

Development of harp tool to stop MITM attacks and notifier in Bash, Perl and Python for Citrix infrastructures

2019 : Native LABs (Research in Interactive IT Laboratories) - Rabat. Engineering Director

LALR for imperative language named PASP and reverse engineering of ADA compiler GNAT

Reinventing head overflow in MIPS, ARM, and x86 architectures

Creating and design of the protocol embedded IRIZ as header in Babel

Continuity and Re-design of the Operating system Noor for Babel services on MIPS appliances

Creating and modeling secure infrastructure for root servers -K in Morocco

Importing and implementing k-root.servers.net, debian.mil.ma, ntp.mil.ma, cert.mil.ma in Morocco

Strength of root servers against attacks and failure (Ripe, Academia, ResearchGate)

2020 : P.hD student undergraduate. University Mohammed V faculty of science. Human interface machine