

Ba Ousmane

Education

2013-2016 Bachelor in **management of information systems** - **EPHEC**

2008-2011 Degree in **applied physics** (Bac+3) - **Université de Nouakchott**

Option: Electronic-Electrotechnical-Automatic

Professional experiences

Since October 2015 - Private tutor at Solidarité Réussite

- Private courses of mathematics, physics and chemistry to pupils with school difficulties

July to August 2016 Computer engineering at Universal network solutions

Data management

- Checking the servers
- CRM data transfer and encoding (Customer Relationship management) : Autotask

Computer skills

Software : MS-Office, LibreOffice, OpenOffice

Programming languages: PHP, JAVA, C#, ASP .NET, ADO .NET, LINQ TO SQL, JAVASCRIPT, JQUERY

Web : HTML, CSS, XML ,XSD, XSL, XSLT, Node.js ,Angular JS

Framework: Symfony (PHP), ASP .NET MVC(C#), Entity Framework

Databases : MYSQL, T-SQL, SQL SERVER

Exchanges of data: Xml , Json, XSD

Analysis method: UML, MERISE

Project management : SCRUM, PMI, PRINCE, SAAS

Operating system: WINDOWS 10, MAC OS, LINUX (Kali linux, Debian, Ubuntu)

Platform: Android , .NET

Network : routers, switch, VLAN, ACL, Trunking, Protocole STP, TCP-IP, ARP, Protocole RIP, PPP, FR, Tunnel IP, NAT,IPV6 Cisco

Virtualisation : VMware player, VMware Fusion, VMware Workstation, Virtual Box

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Versionning tools : Git

Personal realizations

- Android application : Sandwich Maker
- Advertising website in Symfony (Framework PHP)
- Shopping Application with ASP.NET MVC
- News System in PHP

Academic realizations:

- Analysis and design of an application to process bank payment orders (UML, class diagram, activity diagram, sequence diagram, use-case, component diagram, deployment diagram, collaboration diagram, States-transitions, object diagram)
- Network Programming with C # (Using Network Features in C #)
- Client management application with C # ADO .NET and SQL server
- Game
- Games (Puissance4, Simon, Memory, Taquin, Démineur, Tictactoe) en C#
- Management of CISCO routers and switches
- Management of a campsite, reservations, rental of camping properties in Transact-Sql(SQL SERVER)
- Streaming server with Cubietruck
- Transforming an XML structure into another structure with XSLT and how to use XSL with C # (Yahoo Weather API)
- XML specification Schema and applications to RSS feeds and Web Services in C #
- Analysis of a JSON response to a REST (Spotify API)
- Simon client server
- E-commerce site in ASP .Net MVC with Entity framework migration and Dependency Injection with Unity

Languages

French	Fluent
English	Good level
Arabic	Good level
Dutch	Basic notions

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