

Ahmad Shahwan

Research and Development Engineer

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Experience

Digamma Solutions, Lyon — Freelancer

2017 - present

DMS (JCR Standard, WebDAV protocol). IoT applications. LoRaWAN network protocol. REST APIs. Responsive Web design. HTML5.

Cohorte Technologies, Meylan — R&D Engineer

2015 - 2016

More than 30k lines of code in Java and Python. Component-based service-oriented development. Eclipse plugins, OSGi.

Grenoble INP, Grenoble — Teaching & Research Assistant

2013 - 2014

More than 200 hours of in-class teaching: lab work, lectures and project supervision. Teaching Java, C, Ada, UML, DBMS, and CAD modelling.

Grenoble INP, Grenoble — PhD Candidate

2010 - 2013

5 publications, 3 of which international. 11k lines of code in C++. Part of a national CNRS project. 80 hours of in-class teaching.

ITS, Damascus, Syria — Customer Application Analyst

2008 - 2009

First-line support of Phoenix at the Real-Estate Bank of Syria.

MABCO, Damascus, Syria — Senior System Engineer

2005 - 2008

Team leader. C#, ASP .NET and Windows CE development.

Technolead, Damascus, Syria — Web Developer

2005

Content Management Systems. PHP and MySQL development.

Education

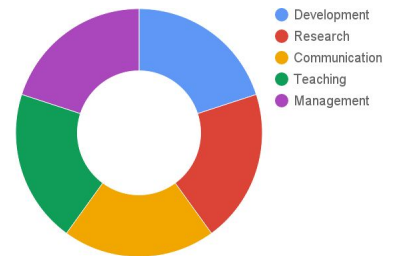
Grenoble Alpes University, Grenoble — PhD

2010 - 2014

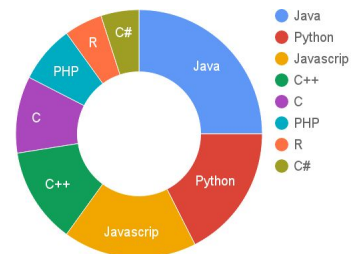
Functional knowledge management of industrial digital mock-ups.

Skills

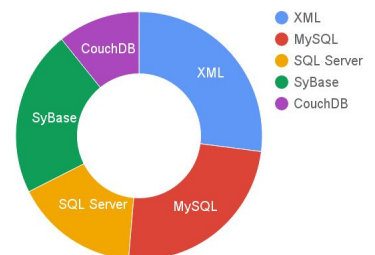
Expertise



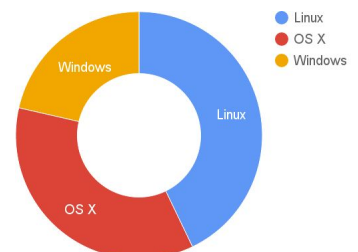
Programming Languages



Databases



Operating Systems



Joseph Fourier University, Grenoble — Master's degree

2009 - 2010

Automatic conversion of molecular models.

AABFS, Damascus — Master's degree

2006 - 2009

Open-structure semantically enabled Web Services.

Damascus University, Damascus — Engineer's degree

2000 - 2005

Developing a distributed system applying Sun's Jini™ technologies.

Active Projects**Agilium GED-Engine**

WebDAV-enabled Document Management System modular backend, with a RESTful API and full-text search engine.

Cohorte Platform

Component-based software development and deployment framework.

Agilium License

Product license management, with asymmetric cryptography.

Cohorte IoT Pack

Low-power, long-range connectivity solutions.

CookAlchemy.com

Multilingual cookbook wiki.

Personal development**Getting and Cleaning Data — Johns Hopkins University**

Certificate earned through Coursera on June 29, 2015.

R Programming — Johns Hopkins University

Certificate earned through Coursera on March 2, 2015.

The Data Scientist's Toolbox — Johns Hopkins University

Certificate earned through Coursera on March 1, 2015.

Introduction to Genetics and Evolution — Duke University

Certificate earned through Coursera on March, 2015.

Languages

Arabic Native.

French Fluent.

English Fluent.

Awards

Best Student Paper Award

CAD'13 Conference, Bergamo, Italy.

Interests and Activities

Drawing MJC Jean Macé.

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