

# Wael Awada *May 10, 1983*

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## Summary

*Creative geek with over 8 years experience developing n-tier web applications focusing mainly on back end and the middle tier. A PhD candidate focusing on data mining and machine learning.*

At the age of ten (1993), Wael started programming using the LOGO language on an MSDOS (PC). Two years later he started programming using BASIC.

During High school, Wael started developing applications using Basic for Physics, Chemistry and Com-

puter classes.

From 2001 to 2004, he studied at the American University of Beirut and pursued his *B.S. degree in Computer Science*. After graduation he travelled to the US for his *Masters degree in Computer Science* in which he focused on Wireless Sensor Networks. After gaining over eight years of experience in his field, Wael is now also pursuing his *PhD in Computer Science* at Florida Atlantic University focusing on Data Mining and Machine Learning.

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## Experience

### 3cinteractive

BOCA RATON, FLORIDA

#### Senior Software Developer

*Aug '10 – present*

3Cinteractive provides integrated mobile software and services that help businesses communicate with consumers on their mobile device. Their mobile business solutions improve efficiencies by extending operational and CRM processes to the mobile channel. I was working on various projects ranging from dynamic mobile web generation to a credit card processing api.

#### Technical Stack :

J2EE, Spring Framework (core, mvc, data, ws, security, context, ...), Hibernate, JPA, JUnit, Mockito, MySQL, MongoDB, Maven, JAX-WS, JaxB, Elastic Search, Play Framework, Tomcat, JSP, JSTL, Tiles, SOAP, Tomcat, Log4j, SLF4J, JSON, XML, CSS, Javascript, JQuery, Twitter Bootstrap, SCRUM, Jenkins/Hudson, Sonar, JIRA, Bamboo

### Vertex Media

DELRAY BEACH, FLORIDA

#### IT Consultant

*Aug '09 – Jul '10*

Vertex Media is a marketing company that builds lead generation websites by offering visitors offers from companies

#### Technical Stack :

PHP, CodeIgniter, MySQL, HTML, CSS, Javascript, JQuery, Analytics

### SW1000

BOYNTON BEACH, FLORIDA

#### IT Consultant

*Aug '09 – Jul '10*

SW1000 degreaser is an innovative company producing industrial grade environment friendly degreasers.

#### Technical Stack :

PHP, MySQL, HTML, CSS, Javascript, JQuery, SEO

### True North Advisors

DALLAS, TEXAS

#### IT Consultant

*Dec '09 – Jan '11*

True North Advisors is a Dallas wealth management firm that will carefully and responsibly manage financial assets to reach financial goals.

#### Technical Stack :

Java, iText, MySQL

### Royal Carribean

MIRAMAR, FLORIDA

#### Integration Analyst

*Nov '09 – Dec '09*

Royal Caribbean International is a Norwegian and American cruise line brand based in Miami, Florida and owned by Royal Caribbean Cruises Ltd. As of May 2012, with 21 ships in service, it controls a 17 percent share of the world cruise market.

#### Technical Stack :

Java, XML, XSL, XSD, XPath, Xquery, Webservices, HP SOA Platform, DB2

## Open Finance Network

Boca Raton, Florida

### Senior Software Engineer

May '05 – Apr 09

Open Finance Network is a financial services and technology holding company based in Charlotte, N.C. OFN provides a comprehensive suite of technology products and services for fee-only advisors and family offices

### Technical Stack :

Java, J2EE, Microsoft Sequel Server, Subversion, CVS, ANT, Struts, iText, JSP, JSTL, Log4j, CSS, Javascript, HTML, JBoss, JMS, XML, XSL, XSL-FOP, Hibernate, TSQL, JAXWS, JAXB, SOAP, UML, Visio

*Please refer to my [Linked-in profile](#) for a more complete list of work experiences along with recommendations.*

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## Education

### Florida Atlantic University

BOCA RATON, FLORIDA

#### PhD in Computer Science

2010 – Present

Focusing on data mining and machine learning. Wrote three conference papers related to ensemble feature selection and ensemble classification on biomedical datasets.

### Florida Atlantic University

BOCA RATON, FLORIDA

#### Masters in Computer Science

2004-2006

Focused on Wireless Sensor Networks and worked on improving battery life by enhancing communication algorithms.

### American University Of Beirut

BEIRUT, LEBANON

#### Bachelors Of Science in Computer Science

2001-2004

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## Skills

**Technical expertise:** Software design and implementation, with(in) a team. Big fan of Agile methodologies (Scrum and Kanban), Certified Scum Master, continuous integration (Hudson/Jenkins, Bamboo). Enjoys writing Java applications, yet flirts with PHP, .NET and C++. Solid knowledge of web technologies: HTML+CSS, XML, REST, SOAP and JavaScript. Worked with various webservers including JBoss and Tomcat. Has experience in multiple SCMs such as Git and Subversion.

**Natural languages:** Arabic (*mother tongue*), English (*full professional proficiency*), French (*elementary proficiency*)

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## Interests

**Non-exhaustive and in alphabetical order:** art, biking, history, music, open source, software engineering (methodologies), travel, cooking.