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|---|---|
| **Last Name:** | **Afrasiabi Rad** |
| **Name:** | **Amir** |
| **Gender:** | **Male** |
| **Email:** | **a.afrasiabi@uOttawa.ca** |
| **Website:** | **http://site.uottawa.ca/~aafra071** |

# Education

- **PhD in Computer Science (2009 - Now)**
  University of Ottawa – Ottawa, ON, Canada
  Thesis Topic: Analyzing Influence Distribution in Social Networks to Increase Effectiveness of Social Commerce
  Supervisor: Prof. Morad Benyoucef

- **Master of Science in Electronic Business Technologies (e-Business) (2007 – 2009)**
  University of Ottawa – Ottawa, ON, Canada
  Thesis Title: Business process modeling in service based healthcare environments
  Supervisors: Prof. Morad Benyoucef, Prof. Craig Kuziemsky

- **Bachelor of Engineering in Computer Engineering (Software) (2002 – 2007)**
  Islamic Azad University (IAU) - South Tehran Branch - Tehran, Iran
  Project Title: Multimedia and E-commerce
  Supervisor: Prof. Key Nejad

# Scholarships

- MITACS Accelerate Scholarship (2010-2013)

# Technical Skills

- **Programming Languages**
  - Visual C#.Net
  - Visual Basic.Net
  - Java
  - Visual Basic
  - C/C++
  - ADO.Net

- **Database**
  - Microsoft SQL Server
  - Microsoft Access
  - PostgreSQL

- **Web**
  - ASP.Net
  - HTML
  - XML

- o CSS
- o JavaScript/Jscript
- o AJAX Technology
- **IDEs**
  - o Microsoft Visual Studio
  - o Netbeans
- **Web Editors**
  - o Microsoft FrontPage
  - o Macromedia DreamWeaver
- **Graphics**
  - o Adobe Photoshop
  - o GIMP
- **Software Modeling**
  - o Microsoft Visio
  - o IBM Rational ROSE
  - o Netbeans BPEL
  - o SSADM Select
  - o BPMN
- **Business Simulation**
  - o WebSphere Business Modeler
- **Operating Systems**
  - o Windows 95/98/Me/XP/Vista/7
- **Software Packages**
  - o MS Office 95/97/2000/2003/XP/2007/2010

# Special Training and Qualifications

- **Visual C#.Net**
  - o Tehran Institute of Technology (Mojtame Fanni Tehran) - (2006-2007)

# Work Experience

- **Sep 2010 – Now**
  **Title:** Intern
  **Company:** IBM Canada, Kanata, Ontario, Canada
  **Responsibilities:**
  - o Conducting research focusing on the social media and influence
- **Sep 2009 – Now**
  **Title:** Research Assistant
  **Company:** EMP Lab, University of Ottawa, Ottawa, Ontario, Canada
  **Responsibilities:**
  - o Conducting research focusing on the social media and influence

- **Jan 2012 – April 2012**

  **Title:** Teaching Assistant for:
    o ADM2372: Management Information Systems
    o CSI2911: Professional Practices for Computing
    o ADM3378: Electronic Business

  **Company:** University of Ottawa, Ottawa, Ontario, Canada

  **Responsibilities:**
    o Marking exams and assignments
    o Maintaining the course website

- **Sep 2011 – Dec 2011**

  **Title:** Teaching Assistant for:
    o SEG3102: Software Design and Architecture
    o ADM3378: Electronic Business

  **Company:** University of Ottawa, Ottawa, Ontario, Canada

  **Responsibilities:**
    o Marking exams and assignments
    o Conducting tutorial and lab sessions
    o Maintaining the course website

- **Sep 2010 – Feb 2011**

  **Title:** Junior Information Technology Officer

  **Company:** CO-OP Office, University of Ottawa, Ottawa, Ontario, Canada

  **Responsibilities:**
    o Maintaining the CO-OP website
    o Developing new web applications (ASP, ASP.Net, SQL Server, MS Access)
    o Providing technical assistance to staff

- **Sep 2010 – Dec 2010**

  **Title:** Teaching Assistant for:
    o ADM2372: Management Information Systems

  **Company:** University of Ottawa, Ottawa, Ontario, Canada

  **Responsibilities:**
    o Marking exams and assignments
    o Maintaining the course website

- **Sep 2009 – Apr 2010**

  **Title:** Teaching Assistant for:
    o ADM2372: Management Information Systems

  **Company:** University of Ottawa, Ottawa, Ontario, Canada

  **Responsibilities:**
    o Designing assignments
    o Marking exams and assignments
    o Conducting lab sessions
    o Maintaining the course website

- **May 2009 – Oct 2009**

  **Title:** Junior Information Technology Officer

  **Company:** CO-OP Office, University of Ottawa, Ottawa, Ontario, Canada

  **Responsibilities:**
  - Maintaining the CO-OP website
  - Developing new web applications (ASP, ASP.Net, SQL Server, MS Access)
  - Providing technical assistance to staff

- **Sep 2008 – Dec 2008**

  **Title:** Teaching Assistant for:
  - ADM2372: Management Information Systems
  - MAT1300:Mathematical Methods I

  **Company:** University of Ottawa, Ottawa, Ontario, Canada

  **Responsibilities:**
  - Marking exams and assignments
  - Maintaining the course website
  - Conducting lab sessions

- **July 2006 – July 2007**

  **Title:** Windows-based and Web-based application Designer and Developer

  **Company:** Pasargadae System Analysts Co. (P.S.A.), Tehran, Iran

  **Responsibilities:**
  - Participating in the development of the IP-telephony project
  - Web application developer (ASP.NET, SQL Server)
  - Windows Application Developer (C#.Net, SQL Server)

- **July 2004 – July 2006**

  **Title:** Windows-based application Designer and Developer

  **Company:** Pars Horizon Data Insert, Tehran, Iran

  **Responsibilities:**
  - Windows Application Developer (C#.Net, SQL Server)

## Membership

- **Vice President of Informatics Graduates Association des Diplômé(e)s en Informatique (IGADI) – *Changed its name to CSGSA in 2011***
  University of Ottawa, Ottawa, Ontario, Canada
  Jan 2010-Jan 2011

- **Member of RoboCup (Virtual Robots) Team (Pasargad)**
  Islamic Azad University (South Tehran Branch), Tehran, Iran
  August 2006-July 2007

- **Member of Association of Computer Engineering (A.C.E.)**
  Islamic Azad University (South Tehran Branch), Tehran, Iran
  Sep 2003-July 2007

## Publications in Refereed Journals

- **Afrasiabi Rad, A.**, Benyoucef, M. (2012). Measuring Propagation in Online Social Networks: The case of YouTube. Journal of Information Systems Applied Research, 5(1) pp 26-35. (A preliminary version appears in The Proceedings of CONISAR 2011)
- Benyoucef, M., Kuziemsky, C., **Afrasiabi Rad, A.**, Elsabbahi, A., 2011, Modeling Healthcare Processes as Service Orchestrations and Choreographies, Business Process Management Journal, Vol. 17 Iss: 4, pp.568 – 597
- **Afrasiabi Rad, A.**, Benyoucef, M., 2011, A Model for Understanding Social Commerce, Journal of Information Systems Applied Research, 4(2), Aug 2011, pp 63-73
- **Afrasiabi Rad, A.**, Benyoucef, M. and Kuziemsky, C. E., 2009, An Evaluation Framework for Business Process Modeling Languages in Healthcare, Journal of Theoretical and Applied Electronic Commerce Research, Volume 4 / Issue 2, August 2009, pp. 1-19

## Publications in Conference Proceedings

- **Afrasiabi Rad, A.** and Benyoucef, M. 2011. Measuring Propagation in Online Social Networks: The case of YouTube. Accepted in the 4th Annual CONISAR conference, Wilmington, NC, USA. *(Winner of the meritorious paper award)*
  November 3-6, 2011
- **Afrasiabi Rad, A.** and Benyoucef, M. 2011. Towards Detecting Influential Users in Social Networks. E-Technologies: Transformation in a Connected World. G. Babin et al., eds. Springer Berlin Heidelberg. 227-240.
  January 23-26, 2011
- **Afrasiabi Rad, A.**, Benyoucef, M. 2010. A Model for Understanding Social Commerce, Proceedings, The 3rd Annual CONISAR conference, Nashville, Tennessee
  October 28 to 31, 2010
- **Afrasiabi Rad, A.**, Benyoucef, M., Kuziemsky, C. E. 2009. On Modeling Web Service based Processes for Healthcare, Proceedings, BPSC-2009, Lecture Notes in Informatics 147, Leipzig, Germany. pp. 123-138
  March 23rd and 24th, 2009

## Presentations

- **Afrasiabi Rad, A.** and Benyoucef, M. Towards Measuring Propagation in Online Social Networks: The case of YouTube. TAMALE Seminar 2011, Ottawa, Ontario, Canada
  Feb 9, 2012
- **Afrasiabi Rad, A.**, Hajian, B., Benyoucef, M., White, T. Social Network Analysis and Influence Propagation. CASCON 2011, Toronto Ontario, Canada
  Nov 7-10, 2011
- **Afrasiabi Rad, A.**, Benyoucef, M. Towards Measuring Influence by Analyzing Content Propagation: The case of YouTube. LARIM Workshop 2011, Gatinea, Quebec, Canada

July 20, 2011

## Posters

- **Afrasiabi Rad, A.**, Benyoucef, M. Influence in Social Networks: Propagation in YouTube. CASCON 2011, Toronto, Ontario, Canada
  Nov 7-10, 2011
- **Afrasiabi Rad, A.**, Benyoucef, M. User Influence and Social Networks. CBAP Research Café 2011, Ottawa, Ontario, Canada
  Oct 6, 2011

## Reviewer for:

- International Conference on Business Information Systems
- Electronic Commerce Research Journal
- Business Process Management Journal

## Languages

- Persian (Farsi) – Mother tongue
- Azerbaijani (Azeri) – Mother tongue
- English - Fluent

## Interests

- Playing Chess
- Watching Movies
- Swimming
- Playing the Piano