

Shady Elbassuoni

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Research Interests

Structured-Information Retrieval, Search Personalization and Web-Data Mining

Education

- **PhD in Computer Science, Max-Planck Institute für Informatik, Germany** 07/2007 – 12/2011
Topic: Effective Searching of RDF Knowledge Bases
Grade: Will be acquired in February, 2012
Advisor: Gerhard Weikum
- **M.S. in Computer Science, Saarland University, Germany** 10/2005 – 07/2007
Thesis: Adaptive Personalization of Web Search
Grade: A (1.1)
Advisors: Gerhard Weikum, Julia Luxenburger
- **B.S. in Computer Science, Alexandria University, Egypt** 10/1998 – 07/2003
Grade: Very good with honor
Advisor: Amr Elmasry

Professional and Teaching Experience

- **Yahoo! Research Lab, Barcelona, Spain** 07/2010 – 10/2010
Summer Intern: Keyword Search over RDF Graphs
- **Saarland university, Saarbrücken, Germany** 10/2009 – 04/2010
Teaching assistant: Information Retrieval and Data Mining
- **Saarland university, Saarbrücken, Germany** 10/2008 – 04/2009
Teaching assistant: Database Systems
- **Saarland university, Saarbrücken, Germany** 10/2006 – 04/2007
Teaching assistant: Introduction to Artificial Intelligence
- **German University in Cairo (GUC), Cairo, Egypt** 03/2005 – 10/2005
Teaching assistant: Introduction to Computer Science
- **Bibliotheca Alexandrina (BA), Alexandria, Egypt** 10/2003 – 03/2005
Software Engineer:
 - Participated in the design and implementation of a fully integrated system to automate the work flow in the library's digital lab
 - A key member in the development team of President Nasser's website (<http://www.nasser.org>)

Technical skills

- **Programming Related:** Java, C#, SQL, C/C++
- **WWW related:** HTML, XML, XML web services
- **Database Related:** SQL Server, ORACLE, Postgres, Derby, ADO, ODBC

Language Proficiency

- **Arabic:** Mother Tongue
- **English:** Fluent
- **German:** Advanced
- **Spanish:** Intermediate
- **French:** Beginner

Further Qualifications and Honors

- International Max-Planck Research School Scholarship
- Microsoft Research Ph.D. Scholarship
- Microsoft Certified Application Developer (MCAD) for Microsoft .NET since Aug 09,2004
- Dale Carnegie Certificate in Effective Communication and Human Relations
- Saarland University Honor's Degree for Master of Science
- Alexandria University Honor's Degree for Bachelor of Science

Personal Data

- **Birth Date:** 09/03/1981
- **Nationality:** Egyptian
- **Email:** elbass@mpi-inf.mpg.de
- **Home Address:** Katholisch-Kirch Str. 5, 66111 Saarbrücken, Germany
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References

- **Prof. Dr.-Ing. Gerhard Weikum**
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- **Prof. Dr. Maya Ramanath**
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- **Dr. Roi Blanco**
Researcher
Yahoo! Research, Barcelona
Avinguda Diagonal 177, 8th Floor
08018 Barcelona
Catalunya (Spain)
Email: roi@yahoo-inc.com

Selected Publications

- **S3K: Seeking Statement-Supporting top-K Witnesses**
Steffen Metzger, Shady Elbassuoni, Katja Hose, Ralf Schenkel
Proceedings of the 20th Conference on Information and Knowledge Management (CIKM 2011)
- **Keyword Search over RDF Data**
Shady Elbassuoni, Roi Blanco
Proceedings of the 20th Conference on Information and Knowledge Management (CIKM 2011)
- **Query Relaxation for Entity-Relationship Search**
Shady Elbassuoni, Maya Ramanath, Gerhard Weikum
Proceedings of the 8th Extended Semantic Web Conference (ESWC 2011)
- **CATE: Context-Aware Timeline for Entity Illustration**
Tran Anh Tuan, Shady Elbassuoni, Nicoleta Preda, Gerhard Weikum
Proceedings of the 20th International World Wide Web Conference (WWW 2011)
- **ROXXI: Reviving Witness Documents to Explore Extracted Information**
Shady Elbassuoni, Katja Hose, Steffen Metzger, Ralf Schenkel
Proceedings of the 36th International Conference on Very Large Data Bases (PVLDB 2010)
- **Searching RDF Graphs with SPARQL and Keywords**
Shady Elbassuoni, Maya Ramanath, Ralf Schenkel, Gerhard Weikum
Article in the IEEE Data Engineering Bulletin, Vol. 33 No. 1, March 2010
- **Language-model-based Ranking for Queries on RDF-Graphs**
Shady Elbassuoni, Maya Ramanath, Ralf Schenkel, Marcin Sydow, Gerhard Weikum
Proceedings of the ACM 18th Conference on Information and Knowledge Management (CIKM 2009)
- **MING: Mining Informative Entity-relationship Subgraphs**
Gjergji Kasneci, Shady Elbassuoni, Gerhard Weikum
Proceedings of the ACM 18th Conference on Information and Knowledge Management (CIKM 2009)
- **Language-Model-Based Ranking in Entity-Relation Graphs**
Shady Elbassuoni, Maya Ramanath, Gerhard Weikum
Proceedings of the 1st International Workshop on Keyword Search on Structured Data (KEYS 2009)
- **Matching Task Profiles and User Needs in Personalized Web Search**
Julia Luxenburger, Shady Elbassuoni, Gerhard Weikum
Proceedings of the ACM 17th Conference on Information and Knowledge Management (CIKM 2008)
- **Personalizing the Search for Knowledge**
Minko Dudev, Shady Elbassuoni, Julia Luxenburger, Maya Ramanath, Gerhard Weikum
Proceedings of the 2nd International Workshop on Personalized Access, Profile Management, and Context Awareness: Databases (PersDB 2008)
- **Task Aware Search Personalization**
Julia Luxenburger, Shady Elbassuoni, Gerhard Weikum
Proceedings of the 31st Annual International ACM SIGIR 2008 Conference (SIGIR 2008)
- **NAGA: Harvesting, Searching and Ranking Knowledge**
Gjergji Kasneci, Fabian Suchanek, Georgiana Ifrim, Shady Elbasuoni, Maya Ramanath, Gerhard Weikum
Proceedings of the ACM International Conference on Management Of Data (SIGMOD 2008)
- **Adaptive Personalization of Web Search**
Shady Elbassuoni, Julia Luxenburger, Gerhard Weikum
Proceedings of the 1st Workshop on Web Information Seeking and Interaction (WISI 2007)