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Old Dominion University

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See Also

- Dr. Michele Weigle
- Prof. Michael Nelson
- Prof. Jonathan Cook

Mohamed Aturban

Welcome to Mohamed Aturban's Homepage

Bio

I am currently a PhD student joining **Web Science and Digital Libraries Research Group (WS-DL)** in Computer Science Department at Old Dominion University (Norfolk, Virginia). I am working under the supervision of **Dr. Michele Weigle**, and my co-adviser is **Prof. Michael L. Nelson**. My research interests include: Web Science, Digital Library, Web Archiving, and Web Annotation.

I received my Master's degree in Computer Science in 2011 from **New Mexico State University** (Las Cruces, NM) and my Bachelor of Science degree from **University of Tripoli** (Tripoli, Libya)

Publication

- Mohamed Aturban, Michael L. Nelson and Michele C. Weigle, "Quantifying Orphaned Annotations in Hypothes.is," In Proceedings of the Theory and Practice of Digital Libraries Conference (TPDL). Poznan, Poland, (September 2015). [**PDF**, **BibTeX**]
  - An extended version to this paper is available in **arXiv.org** [**PDF**, **Slides** , **Blog post**]

- GPU-Accelerated Long-Term Simulations of Beam-Beam Effects in Colliders", B. Terzic, V. Morozov, Y. Roblin, F. Lin, H. Zhang, M. Aturban, D. Ranjan and M. Zubair 2014, 5th International Particle Accelerator Conference 2014, Dresden [**paper**, **poster**]
- GPU-optimized Code for Long-term Simulations of Beam-beam Effects in Colliders", Y. Roblin, V. Morozov, B. Terzic, M. Aturban, D. Ranjan and M. Zubair 2013, 4th International Particle Accelerator Conference 2013, Shanghai [**paper**]

Blog Posts

List of blog posts I have written

- **December 22, 2015:** 60% of Web Annotations are Orphaned or in Danger of Being Orphaned
- **September 02, 2014:** WARCMerge: Merging Multiple WARC files into a single WARC file

Teaching Assistant

I have worked as a teaching assistant at the following universities

- **Old Dominion University**
  - August 25, 2015 - December 24, 2015
  - January 25, 2015 - May 09, 2015
- **New Mexico State University**
  - January 12, 2012 - May 15, 2012
  - August 15, 2011 - December 15, 2011
- **University of Tripoli**
  - January 01, 2003 - March 01, 2008

Research Assistant

I have worked as a research assistant at

the following universities

- **New Mexico State University**
  - June 12, 2011 - May 15, 2012

Graduate Courses

I am listing here all of the **graduate** courses I have taken so far at three different Universities

- **Old Dominion University** (Toward my PhD)
  - CS586: Introduction to Parallel Computing
  - CS872: Network Security: Concepts, Protocols and Programmin g
  - CS896: Topics in Computer Science
  - CS879: Design of Network Protocols
  - CS896: High Performance Computing with Multicores and GPU
  - CS895: Web-Based Information Retrieval
  - CS896: Topics in Computer Science (Introduction to Web Science)
  - CS825: Information Visualization
  - CS891: Visualization Seminar
  - CS899: Doctoral Dissertation
- **New Mexico State University** (Master's degree in Computer Science)
  - CS515: User Interface Design
  - CS504: Computer Networks I
  - CS581: Advanced Software Engineering
  - CS584: Computer Networks II
  - CS571: Programming Language Structure II
  - CS598: Master's Project (supervised by Prof. Jonathan Cook)
  - CS510: Automata, Languages,

Computability
  - CS574: Operating Systems II
  - CS502: Database Management Systems
  - CS570: Analysis of Algorithms
- **University of Tripoli** (Finished the coursework toward getting my Master's degree in Computer Science but travelled to USA before finishing the final project)
  - CS603: Artificial Intelligence
  - CS610: Seminars in Information Systems
  - CS604: Computer Algorithms
  - CS605: Data Communications & Computer Networks
  - CS608: New Directions in Programming
  - CS602: Advanced Database Systems
  - CS620: Advanced Operating Systems
  - CS614: Software Engineering
  - CS618: Image Processing

Hometown

I was born and grew up in Tripoli, Libya. Here are some pictures from my home country

- **Pictures**

Contact

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- **Twitter**
- **Github**
- **Google Scholar**
- **ORCID**

- Blog Post
- Wiki

- University
- University of Tripoli
- Computer Science Department

- Libya-Al-Mostakbal