Arman Cohan

Department of Computer Science
Georgetown University
3700 O St NW
Washington, DC 20057

📞 +1 (202)-509-3830
✉ arman@ir.cs.georgetown.edu
🌐 http://www.armancohan.com

Education

- **Ph.D, Computer Science**   *2013 –*
  Georgetown University, Washington DC, USA

    – *Natural Language Processing, Information Retrieval, & Applications in Healthcare*

    – *Advisor: Dr. Nazli Goharian*

- **Master of Science, Information Technology**   *2010 – 2012*
  Amirkabir University of Technology, Tehran, Iran

    – *E-Commerce & E-Business*

- **Bachelor of Science, Information Technology**   *2006 – 2010*
  with distinction
  Amirkabir University of Technology, Tehran, Iran

Experience

- **Publications**

  2016

    – **Arman Cohan**, Sydney Young, and Nazli Goharian
      "Triaging Mental Health Forum Posts"
      NAACL 2016 Workshop on Computational Linguistics and Clinical Psychology (CLPsych 2016).

    – **Arman Cohan**, Kevin Meurer, and Nazli Goharian
      "Temporal Information Processing in Clinical Narratives"
      International Workshop on Semantic Evaluation (SemEval 2016)

    – **Arman Cohan**, Luca Soldaini, and Nazli Goharian,
      "Identifying Significance of Discrepancies in Radiology Reports"
      SIAM International Conference on Data Mining - Workshop on data Mining for Medicine and Healthcare,
      (SDM-DMMH 2016)

    – **Arman Cohan** and Nazli Goharian
      "Revisiting Summarization Evaluation for Scientific Articles"
      Language Resources and Evaluation (LREC 2016)

  2015

    – **Arman Cohan** and Nazli Goharian
      "Scientific Article Summarization Using Citation-Context and Article's Discourse Structure"
      Empirical Methods for Natural Language Processing (EMNLP 2015)

    – **Arman Cohan**, Luca Soldaini, and Nazli Goharian
      "Matching Citation Text and Cited Spans in Biomedical Literature: a Search-Oriented Approach."
      North American Chapter of the Association for Computational Linguistics (NAACL 2015).

2014

- Luca Soldaini, **Arman Cohan**, Andrew Yates, Nazli Goharian, and Ophir Frieder
  "Retrieving Medical Literature for Clinical Decision Support."
  European Conference on Information Retrieval (ECIR 2015).

- **Arman Cohan**, Luca Soldaini, and Nazli Goharian
  "Towards Citation-Based Summarization of Biomedical Literature."
  Text Analysis Conference (TAC 2014).

- Luca Soldaini, **Arman Cohan**, Andrew Yates, Nazli Goharian, and Ophir Frieder.
  "Query Reformulation for Clinical Decision Support Search."
  Text Retrieval Conference (TREC 2014).

- **Arman Cohan**, Luca Soldaini, Andrew Yates, Nazli Goharian, and Ophir Frieder.
  "On Clinical Decision Support."
  ACM Bioinformatics, Computational Biology, and Health Informatics (BCB 2014).

- **Internships**

  - Medstar Health Research, Medstar Institute for Innovation (MI2), Washington, DC   *Summer 2016*
    Supervisor: Dr. Raj Ratwani
  - Medstar Health Research, Medstar Institute for Innovation (MI2), Washington, DC   *Summer 2015*
    Supervisor: Dr. Raj Ratwani

- **Talks**

  - May. 2016, Miami, CA, USA – SDM Conference
    "Identifying Significance of Discrepancies in Radiology Reports"

  - Oct. 2015, Oeiras, Portugal, Instituto Gulbenkian de Ciencia (IGC)
    "Text Summarization in Biomedical Domain"

  - Sep 2015, Lisbon, Portugal – EMNLP Conference
    "Scientific Article Summarization Using Citation-Context and Article's Discourse Structure"

  - June 2015, Denver, CO, USA – NAACL Conference
    "Matching Citation Text and Cited Spans in Biomedical Literature: a Search-Oriented Approach."

  - Nov. 2014, Gaithersburg, MD, USA – TAC Conference
    "Towards Citation-Based Summarization of Biomedical Literature."

- **Undergraduate Project Supervision**

  - Sydney Young   *Spring & Summer 2016*
  - Kevin Meurer   *Fall 2015, Spring 2016*

- **Teaching Assistantship**

  - Data Mining   *Spring 2015, 2016*
  - Intro. to Information Retrieval   *Fall 2014, 2015, 2016*
  - Database Systems   *Spring 2015*
  - Intro. to Information Systems,   *Spring 2014*

Skills

- Languages   *Python, Java, Persian, French*
- Libraries & tools   *Scikit-learn, Keras, TensorFlow, pandas, spacy*
- Protocols & APIs   *XML, JSON, REST*
- Databases   *Mongo, MySQL, PostgreSQL*
- Tools   *Git, Vim*