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**Education**

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| 2017 – Present | University of British Columbia, CA<br>Ph.D, Information Science, focusing on Natural Language Processing, Social Media Mining, Emotion Detection, Language Variation. |
| 2016           | Indiana University-Bloomington, USA<br>Master of Information Science  |
| 2011           | Umm Al-Qura University, SA<br>Bachelor of Information Science.  |

**Publications, Peer Reviewed**

Abdul-Mageed, M. **Alhuzali, H.** and Mohamed Elaraby (2018). You Tweet What You Speak: A City-Level Dataset of Arabic Dialects. The 11th International Conference on Language Resources and Evaluation (LREC2018), 7-12 May 2018, Miyazaki (Japan).

Alshehri, A., Nagoudi, A., **Alhuzali, H.**, and Abdul-Mageed, M. (2018). Think Before Your Click: Data and Models for Adult Content in Arabic Twitter. In *The 2nd Text Analytics for Cybersecurity and Online Safety (TA-COS-2018)*, LREC 2018, May 12, Miyazaki, Japan.

Abdul-Mageed, M., **AlHuzali, H.**, AbulHaija', D. & Diab, M. (2016). DINA: A Multi-Dialect Dataset for Arabic Emotion Analysis. The 2nd Workshop on Arabic Corpora and Processing Tools (OSACT2), held in conjunction with The 10th International Conference on Language Resources and Evaluation (LREC2016), May 23-28, Portoroz, Slovenia.

**Posters**

**AlHuzali, H.** and Abdul-Mageed, M. (2017). Emotion Detection on Twitter. Year-end Poster/Demo Event, Designing For People Research Cluster, UBC, April 12, 2017.

**AlHuzali, H.** and Abdul-Mageed, M. (2017). Capturing Emotion Expressions in Arabic Twitter. iSchool Research Day, March 10, 2017.

**Invited Talks**

Emotion detection in social media (March 9, 2018). Invited speaker at the iSchool Research Day at UBC.

Emotion detection with Hybrid Supervision (Aug 8, 2017). Guest Lecture at the department of Linguistic, UBC, Contact: Dr. Ryan Taylor.

Crawling User timelines from Twitter (April 4, 2017). Guest Lecture at the iSchool, UBC, Contact: Dr. Muhammad Abdul-Mageed.

Admission Process at Indiana university (May 2014). Guest Lecture at the Intensive English Program, IUB, Contact: Dr. Beatrix Burghardt.

### **Awards & Scholarship**

- 2016 Ph.D Scholarship.
- 2011 Accepted with scholarship to attend an international conference (SLA)

### **Research Experience**

- Summer 2016 Positive Psychology Center-University of Pennsylvania, Philadelphia, PA  
Visiting Student Researcher  
\* Crawled social media platforms, data processing, and built tools to derive insights from data.
- Spring 2015 Indiana University, Bloomington, IN  
Data Processing and Filtering - Course Z604 and Course Z639  
\* Crawled Twitter data and processed the crawled data by, for example, removing duplicate tweets, retweets, URLs, and hashtags.  
\* Processed and formatted data to specific forms as converting data from JSON to TSV.  
\* Filtered Yelp Dataset, for instance, building a feedback system, which businesses can utilize to develop their own services.
- Spring 2015 Course Z556 - Indiana University, Bloomington, IN  
System Analysis  
\* Analyzed the Intensive English Program website at IUB for providing recommendations that contribute to the website improvement.

### **Teaching Experience**

- 2011 - 2012 Umm Al-Qura University, Mecca, Saudi Arabia  
Teaching Assistant  
\* Responsible for assisting students, leading lab sections, and grading assignments & tests.

### **Profession Experience**

- 2017 - Present University of British Columbia, Vancouver, CA  
Graduate Assistant
- 2011 - 2012 Umm Al-Qura University, Mecca, Saudi Arabia  
Teaching Assistant
- 2011 Prince Sultan College for Management and Tourism, Jeddah, Saudi Arabia  
Information Specialist  
\* Responsible for assisting students to use library resources & computers and provide technical support when needed.

### **Student Research Project**

Data Semantic Project	<p>* MedSearch: A Semantic Search Engine to find diseases, its symptoms and treatment, a prototype was proposed and connected with an ontology database.</p> <p><u>My roles in this project:</u></p> <p>* Responsible for designing an Ontology database, a simple search engine interface.</p> <p>* Collaborated with team members for writing project report, more specifically, about my role in the project and the literature review as well.</p>
Sentiment Analysis Project	<p>* Predict Business Categories based upon Reviews and Tips using Yelp's Academic Dataset, an interface was designed as to show sentiment reviews through a graph.</p> <p><u>My roles in this project:</u></p> <p>* Responsible for preprocessing &amp; filtering the data, developing POS tagger, and writing project report, especially for my role and literature review as well.</p>
Search Project	<p>* Feedback system for business entities based on users' review * using Yelp Dataset Challenge, a system was built to handle influencers with the locality as a best source for businesses.</p> <p><u>My roles in this project:</u></p> <p>* Looked for insights from previous research as a way to develop this project.</p> <p>* Responsible for implementing topic modeling on the data for which I chose MALLET Toolkit.</p>

### **Conferences Attended**

2017	Annual Meeting of the Association for Computational Linguistics, Vancouver, CA.
2012	International Exhibition and Conference on Higher Education, Riyadh, Saudi Arabia.
2011	Special Library Association conference (SLA), Muscat, Oman.

### **Workshops attended**

2017	Essentials of Productive Teams @ UBC, Vancouver, CA.
June 19 - 22, 2017	<p>WestGrid Research Computing Summer School @ UBC, Vancouver, CA.</p> <p><u>Session topics:</u></p> <p>* Introduction to Harvesting API Data in Python from UBC Library's Open Collections.</p> <p>* Introduction to Compute Canada Cloud.</p> <p>* Data Science at Scale with Hadoop, Spark and The Data Science Experience (presented by Matt McInnis, Data Scientist at IBM)</p>

### **Technical Skills**

Python, SQL, UNIX

### **Tools**

NLTK, Canopy, Sicit-Learn, LucidChart, GanttProject, Dreamweaver, Microsoft Office, Face++, genism, Keras.

### **Volunteers Work**

Interpreter: Translated for international students at Indiana University.

### **Languages**

Arabic (Native language) English (speak, write, and read)

### **References:**

\* Dr. Muhammad Abdul-Mageed, Department of Information and Library science, University of British Columbia (Supervisor). E-mail: [muhammad.mageed@ubc.ca](mailto:muhammad.mageed@ubc.ca)

\* Dr. Ding Ying, Department of Informatics, Indiana University-Bloomington (Data Semantic Project). E-mail: [dingying@indiana.edu](mailto:dingying@indiana.edu)

\* Dr. Noriko Hara, Department of Information science, Indiana University-Bloomington (System Analysis Project). E-mail: [nhara@indiana.edu](mailto:nhara@indiana.edu)