Noorah Alhasan

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PROFESSIONAL SUMMARY

I am a data scientist with over three years of experience in qualitative and quantitative methods in comparative environmental and energy policy. Passionate about data engineering and management, I have a knack for exploring unstructured data and identifying insights supporting the policy decision-making process. I am looking for opportunities to utilize my skills and knowledge to help local nonprofit organizations achieve their mission goals and objectives.

EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN | Austin, TX

Ph.D. in Public Policy   Ongoing

> Dissertation: *Essays on Sustainability Transition Pathways in the Gulf Monarchies*

Master in Public Affairs   2017

> Policy Research Project: *Education Productivity*
> - Texas Postsecondary and Career Counseling Initiative
> - Information, Technology, and Commercialization Strategies in U.S. Higher Education
>
> Policy Research Project: *Comparison of New Electric Utility Business Models*

KUWAIT UNIVERSITY | Shuwaikh, Kuwait

M.A. in Economics   2014

> Thesis: *Public Spending and Economic Growth in the Rentier State: The Case of Kuwait*

B.B.A. in Economics   2009

PROFESSIONAL EXPERIENCE

THE UNIVERSITY OF TEXAS AT AUSTIN | Policy Researcher   Aug 2017 – Present

Austin, TX

- Conducted original research in the political economy of renewable energy policies in oil-rich countries using unsupervised NLP models that resulted in a white paper
- Presented original research in international renewable energy and public policy conferences (conference poster and paper session)
- Webscraped over one million news articles from Arabic-based newspapers and deployed machine learning techniques to extract and preprocess text into measurable observations
- Deployed machine learning models to analyze news trends in energy and environmental policies in oil-rich countries

THE UNIVERSITY OF TEXAS AT AUSTIN | Teaching Assistant   Aug 2018 – Present

Austin, TX

- Created weekly teaching material for a group of 30 master students
- Provided more than 30 private mentoring sessions in microeconomics theories and principles at the graduate level
- Tracked and assessed the academic progress of more than 30 students in a given semester

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY   MAY 2016 – AUG 2016

BORDER AFFAIRS POLICY INTERN | Austin, TX

- Provided administrative and programmatic support of environmental activities along the U.S. – Mexico Border for TCEQ's Border Affairs program
- Conducted research and drafting reports related to border environmental policy and participating in stakeholder meetings
- Participated in the Bi-National Green Energy Forum in San Antonio, Texas

INDUSTRIAL BANK OF KUWAIT | RESEARCH ASSOCIATE   NOV 2014 – JUL 2015

Kuwait City, Kuwait

- Conducted monthly and quarterly reports analyzing domestic and international trends in the manufacturing industry

GULF CENTER FOR DEVELOPMENT POLICIES   SEP 2013 – SEP 2014

RESEARCH ANALYST & EDITOR | Mishref, Kuwait

- Conducted original research for the center as part of the annual publication
- Coordinated with independent researchers and edited their papers and reports for the center
- Coordinated with the creative team on the design and layout of the annual publication
- Built a database of historical macroeconomic data on the Gulf region

SKILLS

RESEARCH	**PROGRAMMING**	**SOFTWARE**	**LANGUAGES**
Interviews • Survey design Program evaluation • Data visualization	R • Python • SQL • LaTeX CSS • HTML • Markdown Git	Tableau • Excel • Rstudio Github • NVivo • ArcGIS	Arabic (Native) English (Bilingual Proficiency)