Zohra Rezgui

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Education/Training

Higher School of Statistics and Information Analysis, Carthage University	*Tunis, Tunisia*
MASTER OF SCIENCE IN ENGINEERING (DIPLÔME D'INGÉNIEUR)	*2016 – 2019*

- Graduated as Valedictorian

Polytechnic School (X)	*Paris, France*
DATA SCIENCE SUMMER SCHOOL	*June 2019*

https://www.ds3-datascience-polytechnique.fr/

Preparatory Institute for Engineering Studies [IPEIT], Tunis University	*Tunis, Tunisia*
PREPARATION FOR ADMISSION TO ENGINEERING SCHOOLS	*2014 – 2016*

- **Mathematics and Physics Specialization**
- **Access to engineering school upon passing national exams**

Practical Skills / Tools

Programming Languages	R, Python, Java, C
Frequently used Libraries	Keras, OpenCV, NumPy, pandas, sklearn, caret, Rpart, Shiny
Database	SQL, PL/SQL
IDEs	JupyterLab, Jupyter Notebook, Eclipse, RStudio
DevOps	Git, Docker [Basics]
Statistical Softwares	SAS, NBDemetra

Experience

French National Institute of Audiovisual (INA)	*Ile de France, France*
END OF STUDIES INTERNSHIP	*Mar. 2019 - Sep.2019*

- Pipeline implementation for the detection and gender classification of faces in videos
- Evaluation of VGG-based fine-tuning techniques
- Lexicometric analysis of automatic speech transcripts of TV streams
- Participation in 2 research papers about the evaluation of gender representations in media via automatic tools

Datametrix	*Tunis, Tunisia*
SUMMER INTERNSHIP	*Jul. 2018 - Sep. 2018*

- Implementation of a de-identification algorithm with clinical trial privacy regulations compliance for clinical data based on k-anonymity on SAS.
- Web scraping clinical data (from clinicaltrials.gov) on Python using Selenium and Bs4.

Center for Research, Studies, Documentation and Information on Women	*Tunis, Tunisia*
SUMMER INTERNSHIP	*Jun. 2017 - Jul. 2017*

- Extrapolation, visualization and analysis of results from a national, government-funded survey on violence against women in Tunisia and calculating confidence intervals using R and Excel.
- Updating gender information database indicators from several trusted external sources.

Publications

Doukhan, D., **Rezgui**, **Z.**, Poels, G., & Carrive, J. (2019). Estimer automatiquement les différences de représentation existant entre les femmes et les hommes dans les médias. *Journée DAHLIA.*

Doukhan, D., Poels, G., **Rezgui**, **Z.**, & Carrive, J. (2018). Describing gender equality in french audiovisual streams with a deep learning approach. *VIEW Journal of European Television History and Culture.*

Languages

Arabic	Native Language
French	Advanced (2017, Voltaire Certificate 857/1000)
English	Advanced (2015, TOEFL iBT 104/120), (2018, TOEIC 970/1000)