Fatma Zahra Besdouri

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EDUCATION

Faculty of Economics and Management of Sfax

Sfax, Tunisia

Ph.D. in Computer Science, Advisor: Prof. Lamia Beguith

2022-Current

 Thesis: "Neuronal Approach for the Oral Processing of the Tunisian Dialect: Case of a Personalized Virtual Assistant"

Faculty of Economics and Management of Sfax

Sfax, Tunisia

Master's degree in Information Systems and New Technologies

2019-2021

 Thesis: "Automatic Normalization of the Tunisian Dialect: Improvement of The COTA-Orthography System through Language Modeling"

Faculty of Economics and Management of Sfax

Sfax, Tunisia

Bachelor's degree in IT Management

2016-2019

- Thesis: "Gafsa Phosphate Company Production Management"

Sidi Ali Ben Aoun High school

Sidi Bouzid, Tunisia

Mathematics Baccalaureate

2015-2016

EXPERIENCE

Gafsa Phosphate Company

Gafsa, Tunisia

Trainee-ship

February –April 2018

- Programming the Production Management

Computer service store

Sidi Bouzid, Tunisia

Computer services

Summer 2016-2019

TEACHING

Private High School

Sidi Bouzid, Tunisia

Teacher of Computer Science

2020-2021

PUBLICATIONS

[1] F. Z. Besdouri, A. Mekki, I. Zribi, and M. Ellouze, "Improvement of the cota-orthography system through language modeling", in 2021 IEEE/ACS 18th International Conference on Computer Systems and Applications (AICCSA), 2021, pp. 1–7.

SKILLS

LANGUAGES

- Programming: Web Development, Python, JAVA
- Data base management: Oracle, Microsoft SQL Server, MySQL
- Microsoft Office: Word, PowerPoint, Excel
- Photography
- Photoshop and Montage: Adobe Premiere Pro
- Arabic: Native
- English: Fluent
- French: Fluent
- Spanish: Written and Spoken