MOHAMED YOUSSEF BOUZAABIA

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EDUCATION

Universität Passau , Germany   *October 2017 - 2019*
Master of Science - MS
Computer Science

Institut National des Sciences Appliquées de Lyon, France   *September 2017 - 2019*
Engineer's degree
Computer Science

SUP'COM, Tunisia   *September 2015 - 2018*
Engineer's degree
IT Engineering, Telecommunication

Preparatory Institute for Engineering Studies of Monastir, Tunisia   *September 2013 - 2014*
Pre-Engineering Diploma
Mathematics and Physics

EXPERIENCE

Master's Thesis, Germany   *March 2019 - October 2019*
Uni-Passau, Passau
Develop a system that detects Hate Speech on Twitter (English & Spanish) using many Machine Learning Approaches.
Study the Aggressiveness behaviour of Hate in Tweets and try to predict the target (against an individual or a group of members) .

Engineer Internship, France   *May 2018 - August 2018*
Atos Worldline, Lyon
Develop a chatbot that helps Alzheimer's sufferers to have a normal quality of life using simple voice interactions. The female chatbot called ELZA is able to recognize natural language and to retain information. She proactively suggests activities in the physical world like taking a walk, keeping appointments and taking medications on time. Also, she is able to get reminders from the user to help him strengthen his memory and providing reflexion games that interact directly with his brain in order to practice some mental tests.

Training course about Android Studio, Tunisia   *October 2016 - November 2016*
Orange Tunisia
Learn basic Android programming concepts and build a variety of apps, starting with Hello World up to apps that schedule jobs, update settings, and use Android Architecture Components.

Intern, Tunisia *July 2016*
Telecom Tunisia
Work on the 2G,GSM Architecture, deploy the landline telephone (home phone) transmissioins
This experience was very beneficial for me . It was my first experience to learn the engineering profession.

CERTIFICATIONS

Test of English for International Communication (TOEIC) *April 2018 - Present*
TOEIC

Cisco Certified Network Associate Academic Certificate (CCNA) *October 2016 - Present*
CISCO
CCNA1, CCNA2, CCNA3, CCNA4

Principes des réseaux de données *January 2016 - Present*
Institut Mines-Télécom, France
Licence CVTrust-32434261149

Sup'Com Programming Contest - C/C++ Challenge *December 2015 - Present*
ACM ACPC

SKILLS

Technical Skills

Domains	Machine Learning, Web Development, Software Development
Coding	Python, C/C++, Java, Prolog, JavaScript, Typescript, HTML, CSS
Databases Management System	MySQL, MongoDB
Operating Systems	Linux, Windows

Communication Skills

Languages	Arabic : Mother Tongue, French : C1, English : B2, German : A2

CONTESTS & PRIZES

SemEval 2019 Task 5 *August 2018 - Junuary 2019*
Multilingual detection of hate speech against immigrants and women in Twitter (hatEval)
The proposed task consists in Hate Speech detection in Twitter but featured by two specific different targets, immigrants and women, in a multilingual perspective, for Spanish and English.

Special Prize @ Atos IT Challenge 2018 *October 2017 - July 2018*
Chatbot & AI
Designing and developing a solution for Alzheimer's disease sufferers using AI & Chatbot to help them in terms of social interaction during six months. The solution is called ALZ-E Companion. It was ranked as the 1st in France and the 4th in the world after USA and Russia. The chatbot is a female assistant called ELZA. Using machine learning, she learns the preferences, behavior, and personality of her owner, and proactively recommends activities based on the interaction and the progression of this user.

Participation in the 10th edition of the entrepreneurial challenge *March 2017*
SUP'COM, Tunisia
Challenge in collaboration with Telecom SudParis
Find an innovative idea to create a Starup : our idea is about connected hives. Ranking : 6/27

PROJECTS

Web Science Project : French Colonial Buildings *April 2019 - July 2019*
The aim of this project is to create a huge dataset of images for French Colonial buildings using many approaches of Crowd-sourcing.

Specific Project : Hate Speech Detection in Social Media *September 2018 - Junuary 2019*
The project aims at designing and developing a solution for Hate Speech detection in Twitter for Spanish and English datasets.

- TASK A - Hate Speech Detection against Immigrants and Women: a two-class (or binary) classification where systems have to predict whether a tweet in English or in Spanish with a given target (women or immigrants) is hateful or not hateful.

- TASK B - Aggressive behavior and Target Classification: where systems are asked first to classify hateful tweets for English and Spanish (e.g., tweets where Hate Speech against women or immigrants has been identified) as aggressive or not aggressive, and second to identify the target harassed as individual or generic (i.e. single human or group).

PLD Smart *April 2018*
Design an Ionic application called IFollow using Typescript/Javascript to provide a guided assistance to users or event visitors via a mobile application downloadable on Android, IOS and Windows Phone. Based on the technology of the Beacons, it allows to detect the position of an InDoor visitor (Recruitment Fair, Museum, Fair ... etc) in order to notify him of the activities available in his perimeter, which he defines by himself .
PLD Comp *February 2018 - March 2018*
The project aims to implement a compiler. This compiler works for a subset of the C language and consists in the Front-end part and the Back-end part.
Prolog Game *November 2017*
In this project, we tried to design and develop a game (in our case Connect Four/Puissance 4). We used for that the Prolog language to make it.
PLD Agile *October 2017*
The project aims at designing and developing of a software using (Java, Swing). It's a delivery system that calculates the optimized tour from an XML file (delivery destinations).
PLD Mars *October 2017*
Designing a distributed infrastructure that supports the Information System of a Bank and identify how to integrate the operating activities of this distributed infrastructure.
PLD Mobile Application *October 2016 - December 2016*
The project aims at designing and developing of a mobile application that helps you to find the nearest doctor in your area and make the reservation.

EXTRA-CIRRUCULAR

Member of the logistics committee of the organization of the annual SUP'COM Forum : Smarter Tunisia : e-Learnning

Member of the Netlinks Club in Tunisia in 2016.

PERSONAL TRAITS

Highly motivated and eager to learn new things.

Strong motivational and leadership skills.

Ability to work as an individual as well as in group.