Aicha **Garci**

TELECOMMUNICATION ENGINEER - COMPUTER SCIENCE MASTER

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Aicha_Garci

Education

University of Passau   *Passau, Germany*

MASTER DEGREE IN COMPUTER SCIENCE   *Oct. 2018 - Jan.2021*

- Awarded the Matching Funds Stipendiums (2020/2021).
- Awarded the Deutschlandstipendium (2019/2020).
- ERASMUS Scholarship, Double Degree Program for the year (2018/2019).
- Major : Information and Communication Systems.
- Master thesis : Incorporating Replication Techniques for Resilient Service Execution in Edge-Cloud Environments.

Higher School of Communications of Tunis (SUP'COM)   *Tunis, Tunisia*

TELECOMMUNICATION ENGINEERING STUDIES   *Sep. 2016 - Jan. 2021*

- Focus Area : Computer Systems and Networks for Telecommunication.
- Rank : 2/165.

**Higher Institute of Technological Studies in Information and Communication
(ISET'COM)**   *Tunis, Tunisia*

BACHELOR, SCIENCE AND TECHNOLOGIES OF INFORMATION AND COMMUNICATION   *Sep. 2013 - Jun. 2016*

- Major : Networks and Telecommunication Systems.
- Rank : 1/180 (During 3 years).

Experience

digatus   *Augsburg, Germany*

SOLUTION ARCHITECT   *Feb. 2021 - PRESENT*

- Azure administrator (DevOps, SMTP server, Disk management and mounting, Azure Backup, Azure Active Directory, Azure Connect).
- Veeam Backup software.
- Microsoft licenses and products.
- User management in O365 (Privileged Identity Management (PIM), Conditional Access Policies, MFA, Self-Service Password Reset).
- Mobile Device Management (MDM) with Intune (Enable MDM for Android and iPhone, enrollment profiles, Create configuration profiles (Email, WiFi), Add allowed apps to Google Play/Play Store, Create compliance policies, Configure device restrictions).
- 1st, 2nd and 3rd level support (Handling customer tickets in Tanss).
- Generating statistics reports using SQL queries and PowerBI.

SWM Services GmbH   *Munich, Germany*

WORKING STUDENT   *Mar. 2020 - Dec. 2020*

- Supported the technical conception and implementation of IoT solutions in the LPWAN environment (LoRaWAN) according to the requirements of the pilot projects.
- Involved in the pilot project from sensor selection, test setup, test operation and associated analysis to graphical presentation, and involved in error analysis and its remediation.
- As a team member, support the colleagues in integrating the IoT network (LoRaWAN) into the existing IT and network infrastructure.

Fortuna Medien Gruppe   *Passau, Germany*

TELEMARKETING ASSISTANT   *Jan. 2019 - Feb. 2020*

- Created marketing materials and Maintained a marketing database.
- Handled the incoming and outgoing customer calls, and General office duties.

Atos   *Munich, Germany*

ATOS IT CHALLENGE   *Oct. 2018 - Mai. 2019*

- Implemented "Reuse", a Chatbot based on Facebook API, Dialogflow and Machine Learning.
- Among the 15 shortlisted Teams out of 100.

TELCOTEC   *Tunis, Tunisia*

SOFTWARE DEVELOPER TRAINEE   *Sep. 2015 - Jan. 2016*

- Conducted Drive Test and Developed a File Processing Tool for the Acceptance of 2G / 3G / 4G Radio Sites.
- Technologies : JAVA Desktop, Drive Test.

TUNISIE TÉLÉCOM *Bizerte, Tunisia*

Trainee *Aug. 2015*

- Installed ADSL lines and flow test and Supervised the mobile networks.

Skills

Software and tools	O365, Intune, Azure Administration, SMTP Server, DevOps, PowerBI, Veeam Backup Software.
DBMS	MySQL, MongoDB.
Operating Systems	Linux (SUSE, Redhat, Ubuntu), Windows, Windows Server.
Programming	JAVA, JEE, Python, C/C++, Node.JS, HTML5, CSS3, Bootstrap, LaTeX.
Languages	Arabic (mother Tongue), French (Bilingual), English (C1:915/990 TOEIC), German (B2:VHS), Spanish (A1).

Projects

Smart energy management system *SUP'COM, Tunisia*

Team Member *Jan. 2018 - Jun. 2018*

- Developed monitoring, optimization and energy saving solutions.
- Implemented an IoT system based on sensors for data acquisition, and on actuators and alarms to manage the energy sources.
- Tools and Technologies : Machine Learning Algorithms, TensorFlow.

Study of MIMO technology and its implementation in the 4G network [Link] *ISET'COM, Tunisia*

Graduation Project *Feb. 2016 - Jun. 2016*

- Theoretical study of MIMO technology.
- Developed a platform for Dimensioning of 4G Network.
- Implemented of a JEE application that consists on several features to evaluate the effect of MIMO technology on 4G networks.
- Automated the generation of the best MIMO configuration (Number of antennas of a radio link) to achieve the desired rate.
- Technologies : JEE, JAVA, HTML5, CSS3, Servlet, JSP.

Certifications

Cisco Networking Academy *CISCO*

Certificate of achievement CCNA1 and CCNA2 *Feb. 2018*

Institut Mines Telecom [Link] *France Université Numérique (FUN)*

Data Network Principles *Mar. 2017*

Microsoft [Link] *Microsoft*

Azure Administrator *Feb. 2020*

Volunteering & Extracurricular Activities

Inner wheel *Sfax, Tunisia*

Team Member, Volunteer *Sep. 2016 - Apr. 2017*

- As part of our PACTE project, my team had the honor of collaborating with the very active club "Inner wheel Sfax", which is an association of 152 clubs from France, Andorra, Morocco, Algeria and Tunisia whose aim is to help others

Enactus ISET'COM *Tunis, Tunisia*

Project, Marketing and Sponsoring Manager *Oct. 2014 - Jan. 2016*

- Use the power of entrepreneurial action to transform lives and shape a better more sustainable world.

Personal Interests

Sports, Swimming, Reading, Watching TV Shows (Si-fi and Fantasy), Cooking.