

## EDUCATION

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### **National Institute of Applied Sciences & Technology (INSAT) University of Carthage, Tunisia**

National Engineering Degree in Computer Networks and Telecommunication

2009-2016

### **Humboldt State, University of California, USA**

Near East and South Asia exchange Program, Department of State

Business Administration, Inter-cultural Communication and International Studies Majors

2012-2013

### **Taher Sfar High School, Mahdia, Tunisia**

Baccalaureate in Mathematics obtained with honors

2005-2009

## RELEVANT EXPERIENCE

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### **Regional Observer, Consultant**

**International Commission for the Conservation of Atlantic Tunas ICCAT**

2019-Now



- Regional Observer Program for the 2019,2020 and 2021 Blue fin Tuna fishing campaigns.
- Applying health, safety and security requirements.
- Ensuring fishing quotas and specifications are met during the fishing campaigns.
- Applying the ICCAT recommendations that upgraded from a conservation to a management strategy.

#### *Developed skills and gained experience:*

• *Data collection, Database use and Management , Reporting and Monitoring Protocols, Use of Observer Health, Safety and Operational requirements, Conflict Resolution, Communication Protocols, Environmental Protection.*

### **FabLab Manager, Trainer**

**FabLab Mahdia, Tunisia**

Now  
2018-2019



- Laboratory and workshops management along with the equipment maintenance.
- Prototyping projects related to IoT, smart agriculture, water management and medical devices.
- Reception, installation and configuration of the various machines that make up the laboratory (3D Printers, 3D Scanners, SDR and Embedded Systems).
- Mediation, assistance and training in technologies and soft skills.

#### *Technical Environments:*

*Cura, 3D Printers, RDWorks, Thinkercad, Sketchup, Prototyping, Fabrication, Connected Object, IoT, Networks & protocols, Embedded Linux, Raspberry Pi, Arduino, Sensors, Qt, C, Python, SQL, GNU Radio, Software Defined Radio, ArcGIS.*

### **Consultant**

**Advanced Integrated Networks Systems (ADINES), Morocco**

2019-2020



- Networks, Systems and Security consultant in charge of major IT transformation project.
- Design, planning, Implementation and recast of institution's architectures to meet new standards.
- Auditing, network inventory, servers addressing and configuration.
- Products specification qualification and Integration.
- Dealing with major customers including Royal Air Maroc, Domaines Agricoles, Altran Technologies, Hikma, CIH Bank, etc.

### **African Emerging Leaders**

**Polytechnico di Milano, Polytechnico di Torino, Italy**

September 2018-2019



- Matching The Next production Revolution Technologies (NPR) with the SDGs for prosperity in Africa
- Took part in the World Manufacturing Forum in Cernobbio, Italy. Selected winners of the WMF Call for initiative on skills for the future manufacturing with the Tunisian project proposal.
- Field visits, networking and coordinating with different stakeholders on innovative projects, including : Solar desalinization, Crop management with drones, crypto-currencies for emergency response, 3D printed Cars.
- Creation and recording of online courses (Moocs) [www.pok.polimi.it](http://www.pok.polimi.it)
- Training a second generation of African Innovation leaders and mentoring them in the process of presenting Innovative and sustainable business ideas. [www.community.africanlead.net](http://www.community.africanlead.net)

#### *Fields & Technologies:*

*Management of Innovation Projects, Digitalisation, Sustainable Energy Solutions, Smart Mobility, Additive Manufacturing, Smart Agriculture, Development and Deployment of Industry 4.0 Projects*

**Program Manager**

**Tunisian Center for Social Entrepreneurship (TCSE), Lingare Mahdia**

**2016**

- Managed the IT program, including training's, workshops and Hackathons.
- Managed and facilitated the environmental entrepreneurship program, a platform that provides resources and opportunities for environmental entrepreneurs.
- Supported social entrepreneurs on the establishment of their projects.



**Digital Media Strategist**

**INTER-NEWS: Local voices, Global Change, California USA**

**2013-2014**

- Worked with Internews founder as a digital advisor
- Digitally promoted the book: "Citizens rising, Independent Journalism and the spread of democracy"
- Produced graphical and video content related to the subject of the book.
- Networking and contact with strategic Think Thanks among a list of 3000 organizations worldwide.



*Developed competencies and gained experience:*

*Media Development, Mediation, Conflict resolution, Foreign Affairs/Policy and Think Thanks Networking*

**Business Development and Social Media Intern**

**Marimba One, California, USA**

**2013**

- Developed marketing initiatives including several social media platforms
- Created and monitored advertising campaigns via Google Ad-words
- Developed metrics to measure the effectiveness of the marketing
- Involved the local business community and the regional economic development commission for collaboration
- Proposed an expansion strategy for the company in the Middle East



*Developed competencies and gained experience:*

*Business Communication, Project Management, Community building skills, Global strategic thinking/planning, local government networking, Partnership Management, International development Cooperation*

**Inter-cultural Communication Teacher Assistant**

**Humboldt State, University of California, USA**

**2013**

- Designed and delivered several presentations on Intercultural communication
- Facilitated class conversations and mentored various international students
- Wrote a paper and designed a website "Greetings within Cultures"



*Course discussed topics: "Co-cultures, Perceptions, Values, Beliefs, World-views, Verbal & Non-verbal Communication, Culture Shock, Reentry Shock, Cultural Adaptation, Dialects, Ethnocentrism, Stereotyping"*

**Telecoms Engineering Internships**

**Tunisia Telecoms Regional center of Mahdia, Tunisia**

**2011 and 2015**

- Investigated the transmission and switching centers
- Assisted in troubleshooting GSM and 3G architectures along with equipment providers: Sagem, Huawei, Ericson and Siemens.
- Took part in team working, field visits and problem solving initiatives.



*Developed competencies and gained experience:*

*Telecommunication architecture, Network security, Management of information systems*

**EXTRACURRICULAR ACTIVITIES & VOLUNTEER WORK**

• **Tunisian Red Crescent**

- Volunteer










**2019/Now**

• **Mercy Corps, Digital Economy Program**

- Startup Acceleration program with the Gaza Sky Geeks acceleration program.



**2018**

- **Resource trainer @ APEC**  
(Association for the promotion of education on Governance) 2018  

- **Internet Governance MENA Region IGMENA** 2016  
• Collaborated in monthly held digital debates on Internet Governance (IG) 
- **Co-Founder and Advisor of the “Young Tunisian Coders Academy”** 2015-Now  
• Trained trainers and delivered workshops to young Tunisians on computer science  
• Developed a strategy to train youth on a national scale 
- **IEEE Institute of Electrical and Electronics Engineers, INSAT Student branch** 2015-2018  
• Delivered workshops on inter-cultural communication to IEEE members 
- **AERODAY INSAT** 2015  
• Organization member of AERODAY (National Tunisian Day of Aeronautics) 
- **TUNI-ROBOTS INSAT** 2015/2017  
• Organization member of TUNI-ROBOTS (National Tunisian day of Robots) 
- **I-Events Club (INSAT Events)** 2011-2012  
• Vice President Founder: Leading a group of 20 students  
• Organizing conferences, debates and athletics events 
- **AIESEC University, Tunisia** 2010-2011  
• Project Vice president: Managed AIESEC University abroad exchange internships program 
- **Regional Association for Environmental and Nature Protection, Mahdia** 1996-2004  
• Organized local and national cleaning campaigns, tree planting and exhibited awareness about the environment and sustainable development  
• Produced documentaries about the marine resources in Mahdia  
• Elaborated conventions about the environment  
• Took part in underwater cleaning sessions with scuba diving teams  
• Represented Tunisia as an ambassador in the second and third sittings  
“Youth and the Mediterranean” held in **Nice, France** 

## ARTICLES/RESEARCH/POLICY PAPERS

- “ **Environmental Impacts of Wireless Technologies**” National Institute of Applied Sciences and Technology (INSAT), 2016
- “ **Global Positioning System, an Overview**” INSAT, Satellite Technologies Branch 2015
- “ **Greetings within cultures, an Inter-cultural communication perspective**” HSU, Department of Communication, 2012
- “ **Marketing Strategy for an American firm in the Dominican Republic** ” HSU, Business Department, 2012

## LANGUAGES

**French:** Professional

**English:** Professional

**Arabic:** Native

## TRAININGS:

- MITx, Fellowship: **Data, Economics and Development Policy**
- Cercle C, Tunisia: **Communication Techniques in NGOs**
- PNL NGO, Mahdia Tunisia: **Monitoring and Evaluation in Projects writing**
- Center of Applied Policy Research, Germany: **Policy Making and Strategy Development**

## HONORS/AWARD

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- African Emerging Leaders
- Humboldt State, University of California Business summit panel member
- French Roll of Honor
- High school Assiduity Certificate

## ATHLETIC CAREER

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<b><u>Basketball:</u></b>	<b>2015-21</b>	<b>BCM, Mahdia:</b> National 1 Senior team captain, Vice champion
	<b>2014</b>	<b>S.R.S, Sfax:</b> B league Vice champion
	<b>2012-13</b>	<b>H.S.U, California USA:</b> Humboldt Jacks NCAA div 2
	<b>2009-12</b>	<b>J.S.M, Tunis:</b> Senior First League and Junior League Double vice champion
	<b>2008</b>	<b>U18 National Team of Tunisie:</b> International Tournament in <b>Cherbourg, France</b>
	<b>2006-08</b>	<b>U.S.A, Nabeul:</b> Transfer Player
	<b>2001-06</b>	<b>B.C.M, Mahdia:</b> Team Captain

**American Football:** Summer training camps, Humboldt State, University of California

**Diving:** CMAS International diving certificate level 2

**Soccer, Handball:** INSAT, University of Carthage Titles

## REFERENCES

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