

Karem BenChikha

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Education

FLORIDA GULF COAST UNIVERSITY

Exchange Program 1-year non-degree, Entrepreneurship Studies, 3.4 GPA
Relevant Coursework: Business Analytics, Creativity, Lean Startup.

Fort Myers, FL
Aug 2019-May 2020

NATIONAL INSITUTE OF APPLIED SCIENCE AND TECHNOLOGY

Bachelor of Engineering, Industrial Computing and Automation, 3.0 GPA
Relevant Coursework: Industrial Regulation, Automatic Systems, Electrical Engineering, Robotics.

Tunis, TUNISIA
2015 – Current

Experience

FIELDR

Cloud Architect Intern

- Designed a VPC, migrated the platform to AWS and configured CloudWatch to auto-scale the instances.

Fort Myers, FL
Dec 2019 – Feb 2020

PERENCO

DCS Automation Intern

- Updated Control Logic documents and designed a HMI with LabVIEW to control new pumps increasing natural gas flow by 15%.

Tunis, TUNISIA
Jun 2019 – Jul 2019

VALEO

Quality Project Management Intern

- Drew up quality assurance documents for a production line of a new product.
- Analyzed production KPIs and developed effective solutions improving the occurrence of Haptic defects from 82% to 27%.

Tunis, TUNISIA
Jul 2018 – Aug 2018

PEAKSOURCE

Electronics Intern

- Programmed Nao Robot to perform in press conferences and assisted with audio-video Equipment.

Tunis, TUNISIA
Jun 2017 – Jul 2017

Leadership & Activities

AMAZON WEB SERVICIES

Student Ambassador

- Lectured Campus students on the integration of AWS services in the Internet of things and robotics.

Remote
May 2020 – Current

FLORIDA GULF COAST UNIVERSITY INTERNATIOAL OFFICE

Eagle International Ambassador

- Volunteered in international office programs, organized cultural events, and led community service activities.

Fort Myers, FL
Fall 2019

AeROBOTiX CLUB INSAT

Technical Trainer and Projects Manager

- Coached and mentored students to build their robots and science projects.
- Supervised technical workshops in robotics and electronics.

Tunis, TUNISIA
2015 – 2018

Skills & Interests

Technical: Python, C++, TensorFlow, Keras, OpenCV, MATLAB, Linux, MQTT, SQL, Excel, Solidworks, SCRUM.

Laboratory: Amazon Web Services, Google Cloud Platform, Internet of Things, Embedded Systems and Robotics.

Language: Professional English, conversational French, and elementary German.

Interests: Entrepreneurship, Travel and Technology.

Certifications

AWS Fundamentals Specialization (by coursera)

Industrial IoT on Google Cloud Platform (by coursera)

Mastering Programming With MATLAB (by coursera)

Image Classification With AWS Sagemaker (by coursera)

Solidworks Certified Professional (CSWP)

Lean Management and Manufacturing

Thomas Jefferson Scholarship Program Completion

TOFEL ITP (B2)