

Abdessattar Hayouni

Electrical Engineer

U.S. Naval Academy graduate, with Bachelor of Science degree in Electrical Engineering, a dedicated team player with solid knowledge of fundamental electrical engineering concepts and thorough hands-on experience in software development .



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WORK EXPERIENCE

Software/Electrical Engineer Naval Electronics Departement

05/2015 – 01/2018

Tunisian Navy

Bizerte, Tunisia

Achievements/Tasks

- Worked on developing a weapon's system to be mounted on Tunisian Warships, that involves detecting, tracking and neutralizing an enemy target. (.Net,DSP)
- Designing a smart ship engine surveillance system (Data acquisition Software/hardware)
- Developing a Stock management software. (.Net)
- Developing a Technical reports and messaging software to support ship engineers. (.Net)
- Developing a Department Administration tool "DENAT". (Web app).

PERSONAL PROJECTS

Working on a Multy purpose website(the idea is to design and create a website that can be visited on a daily basis by the Tunisian Community for many purposes, such as checking weather forecast, buying and selling online,checking news , listening to Radio , getting delicious food recipes...) (01/2018 – Present)

EDUCATION

Baccalaureate: Electrical and Mechanical Engineering

El Kef Pioneer High School,

2005 – 2009

El-Kef , Tunisia

Preparatory Cycle:

Tunisian Military preparatory school

2009 – 2011

Sousse, Tunisia

Bachelor of science in Electrical Engineering

United States Naval Academy

2011 – 2015

Annapolis, Md, United States

M.A.Sc : Software engineering

University of Calgary

2018 – Present

Calgary, Alberta, Canada

SKILLS

Electrical Engineering

Web Development

Project Management

Team Leadership

Research

Project Management

DSP

JavaScript

JQuery

CSS

HTML

C++

Matlab

SQL

C#

Soccer

Shooting sports

Arduini

Raspberry

ACHIEVEMENTS

Won the USNA senior class capstone engineering competition sponsored by The Boeing Corporation. (2015)

Received a Congratulation letter signed by Boeing CEO after receiving the trophy

Member of the USNA Pistol team; ranked 37th nationally in 2012.

Completed accelerated Flight program, qualified on the "Cessna 172" in one month.

CERTIFICATES

Operation of RF-7800H-B002 Communication System
(01/2017 – 02/2017)

Harris Corporation

Energy Systems and Naval Technologies Applications
(09/2015 – 02/2016)

Tunisian Naval Academy

Maritime Safety (09/2015 – 11/2015)

Tunisian Maritime Safety Training Center

LANGUAGES

English



French



Arabic



German



INTERESTS

Playing Guitar(I just started learning how to play , it is never too late to learn something new)

Mentoring(An enjoyable experience i discovered when i thought classes for Junior navy officers at the tunisian naval academy)

Dogs(I volunteer at my local Dog Center)