

Amira Chikhaoui

Full-Stack Web Developer Student / Electronic Engineer

✉ chikhaoui.amira07@gmail.com

📍 1015 ESSEX ST SE ,Minneapolis Minnesota 55414

📞 651-231-851-2

📅 19 August, 1991

Education

Ph.D., Signal and Image Processing

Electrical Engineering Department
National Engineering School of Tunis

09/2016 – 06/2018

Tunis, Tunisia

Bachelor's Degree in Electronic Engineering

Faculty of Sciences of Tunis (FST)

09/2012 – 06/2015

Tunis, Tunisia

- Engineer's Degree, Embedded Electronics
- Graduated with high honors, average mark: 18/20.

Preparatory Institute for Engineering Studies

Faculty of Sciences of Tunis (FST)

09/2010 – 06/2012

Tunis, Tunisia

- Speciality: Physics and Chemistry

National Baccalaureate

Bardo High School

09/2009 – 06/2010

Tunis, Tunisia

- Speciality: Mathematics
- Obtained with honors

Research and Technical Experience

Ph.D., researcher

National Engineering School of Tunis

09/2016 – 06/2018

Tunis, Tunisia

Achievements/Tasks

- Provide new advances in the glottal analysis and develop a new method for robust and automatic determination of the glottal flow waveform relying on the acoustic speech signal
- Analyzing the speech production mechanism and comparing the techniques proposed in the literature of estimation of the glottal flow waveform

Electronics Engineer internship –Graduation Project

DEVCLIC

01/2015 – 06/2015

Tunis, Tunisia

Achievements/Tasks

- A simple Raspberry-Pi home automation to provide automated control of appliances in a home.
- Constructed a fully connected smart house model with LEDS, temperature and humidity sensors, DC and stepper motors to control the garage door and windows. The smart house runs on Raspberry-pi
- Realizing a web interface to control any appliance in the home using a simple HTTP protocols. This is where we see our temperature and humidity readings, can check the status of connected devices and can control and trigger action all in real-time.
- Controlling the house with voice commands and Raspberry-pi.

Engineer internship

Tunis Telecom

08/2014 Tunis, Tunisia

Achievements/Tasks

- Discover the professional environment.
- Acquirement of practical and theoretical concepts on telecommunications networks.

Skills

Programming languages: Assembly, C /C++, python, HTML5, CSS3, MATLAB, VHDL

Software: Matlab, Android Studio, Eclipse, ISIS

Languages

ARABIC	●	●	●	●	●
FRENCH	●	●	●	●	●
ENGLISH	●	●	●	○	○

INTERESTS

Painting

Yoga

Cinema

Theater

Tennis