Ibrahim KAZAN

Lebanon

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CURRICULUM VITAE

Date of Birth: September 16, 1994.

Place of Birth: Marjeyoun.

Citizenship: Lebanese.

EDUCATION

2016-2018   **Masters of Science in computer and communication engineering:**

- Study emphasis: Digital and wireless communications, image and signal processing, advanced network architectures.
- GPA: 3.15.

2012-2016   **Bachelor of science in computer engineering:**

- Study emphasis: Object oriented programming, digital logic, electric and electronic circuits, microprocessors and microcontrollers, signals and systems, data structures and algorithms.
- GPA: 2.6.

2012   **Scientific baccalaureate, life science:**

- Final grade: 14.1/20.

SKILLS

- Java and object oriented programming using the NetBeans IDE and Android studio.
- PIC18F4550 programming using the MPLabX IDE.
- MySQL Database using Navicat.
- MIPS programming of ARM processors using keil.
- HTML, php, CSS, JavaScript.
- Implementation of different digital communication schemes on MATLAB.
- VHDL coding on ModelSim and Xilinx IDE.

PROJECTS

- Saleh–Valenzuela Model for wideband indoor propagation: A MATLAB simulation of the indoor propagation model.
- Research on LTE and LTE-Advanced and OFDM: MATLAB simulation of the OFDM modulation scheme.
- Simulation using NS2: Studied the used communication protocols and the impact of different interferences on the network.
- MATLAB simulations for studying the performance of QAM and PSK signaling in terms of bit error rate.
- MATLAB simulation to test the forward error correction performance of the concatenated Reed-Solomon and convolutional code.
- Digital signal processing project: A MATLAB Project to remove the noise from an audio file.
- Senior project: "Arduino based text-to-braille conversion" - Advisor: Prof. Amin Haj-Ali.
- Master thesis: "Image tracking on FPGA"- Advisor: Dr. Ali Bazzi.

INTERNSHIPS

08/2016-09/2016   **Intern at ClearTag Digital:**

- One month training in the mobile development department.

LANGUAGES

- Arabic (native language);
- English (fluent);
- French (DELF B2).

REFERENCES

- Prof. Amin Haj-Ali
  Dean - School of Engineering
  Lebanese International University
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- Dr. Ali Bazzi
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