

MARIAM SLEIMAN

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EXPERIENCE

Cable vision

5/7/2016 - 18/9/2016

Television satellite separation
Separation of TV channels to all received devices

Interdigital Europe company

1/3/2017 - 25/7/2017

Mobile communication
Designing Mobile telephony generation (5G)

EDUCATION

Lebanese University

Diploma in Computer and communication network engineering ,
31/7/2017

Lebanese University

Masters in Telecommunication system engineer,
16/7/2019

PROJECTS

Liquid antenna

We make a research which allows us to exchange solid substrate antenna by liquid substrate. For that we make several experiments on three kinds of antenna patch, monopole and dipole. We change the solid substrate as copper by water, Mercury. Mercury give result very close to that of solid, but it have an disadvantage which is not sticking so it will gives hard ability during fabrication so we use a mixture of water and some chemical substance by that a good results it includes.

Investigation and Assessment of a New Kernel in Image Interpolation

The interpolation is an essential process required to resample signals. It enables to resize or to rotate an image in case of 2D signals particularly. In 2018, a genuine interpolation kernel has been proposed. It depends basically on three parameters, and it has been illustrated as a generalization of the common interpolation kernels. However, its potentials in image interpolation haven't been totally investigated. So we study this kernel by assessing its performance in image interpolation and deducing the optimum parameters.

ACHIEVEMENT

| | | |
|-------------------|------------|--------------------------------|
| Microsoft Office | CSS | HD Video Music Videos |
| CST | HTML | Mathematics Education |
| ADS | HTTPS | Mathematical Analysis Industry |
| C++ , C#, OPP | Matlab | Knowledge Visual Communication |
| Visual Basic .NET | MPLAB | ATOLL |
| PHP | JavaScript | Video Editing |
| | | Linux, Ubuntu, Vmware |

ACHIEVEMENTS & AWARDS

Arduino workshop

Matlab workshop

Labview and computer-based workshop

Renewable energy workshop Solar system workshop

INDUSTRIAL EXPOSURE

Cable of Lebanon, Jbeil

PERSONAL STRENGTHS

Enthusiasm

Trustworthiness

Creativity

Respectfulness

Determination

Honestly

Team work

PERSONAL PROFILE

Date of Birth : 22/11/1996

Marital Status : Single

Nationality : Lebanese

Known Languages : English, French, Arabic(native)

Hobbies : Hiking, Reading, Drawing