

KARIM EZZEDINE



MATHEMATICS & COMPUTER ENGINEER



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LEBANON | ABIDJAN



EDUCATION

- 2017 - 2022
Computer &
Communications Engineer
AMERICAN UNIVERSITY
OF BEIRUT
- 2017 - 2022
Applied Mathematics
AMERICAN UNIVERSITY
OF BEIRUT



LANGUAGE

- English
- French
- Arabic



EDUCATION

- 2017 - 2022
Computer And Communications Engineering
Fields : Electronics | Digital System Designs and Computer Architecture | Communications Systems and Signals | Computer Networks | Cryptography | Electromagnetism and Applied Electromagnetic Fields | Computer Science: Data Structures and Algorithms | Theory of Computation | Design and Analysis of Algorithms | Control | Machine Learning.
- 2017 - 2022
Applied Mathematics
Fields : Calculus | differential equations and partial differential equations | Analysis | Topology | Advanced Calculus and Complex analysis | Linear and Abstract Algebra | Numerical Linear Algebra and computing | Advanced Probability and Random Variables | Discrete Mathematics.



PROJECTS & WORK EXPERIENCE

- Research Project with Prof.
Ibrahim Abou Faycal
Subject: Information theory and Incomplete probability distributions.
- Final Year Project
Subject: Air Pollution modelling using Gauss's Plume's Model
- Teacher Assistant for
Communication Systems Course
Correction of Assignments and helping students with the material
- Arithmetic operations on a Galois
Field of Order 163
We used Python and JavaScript to make a website that supports these arithmetic operations.
- Internship
Research on Software Defined Networks.



MY SKILLS & EXPERTISE

Mathematical Background	Python
Java	Matlab
C++	