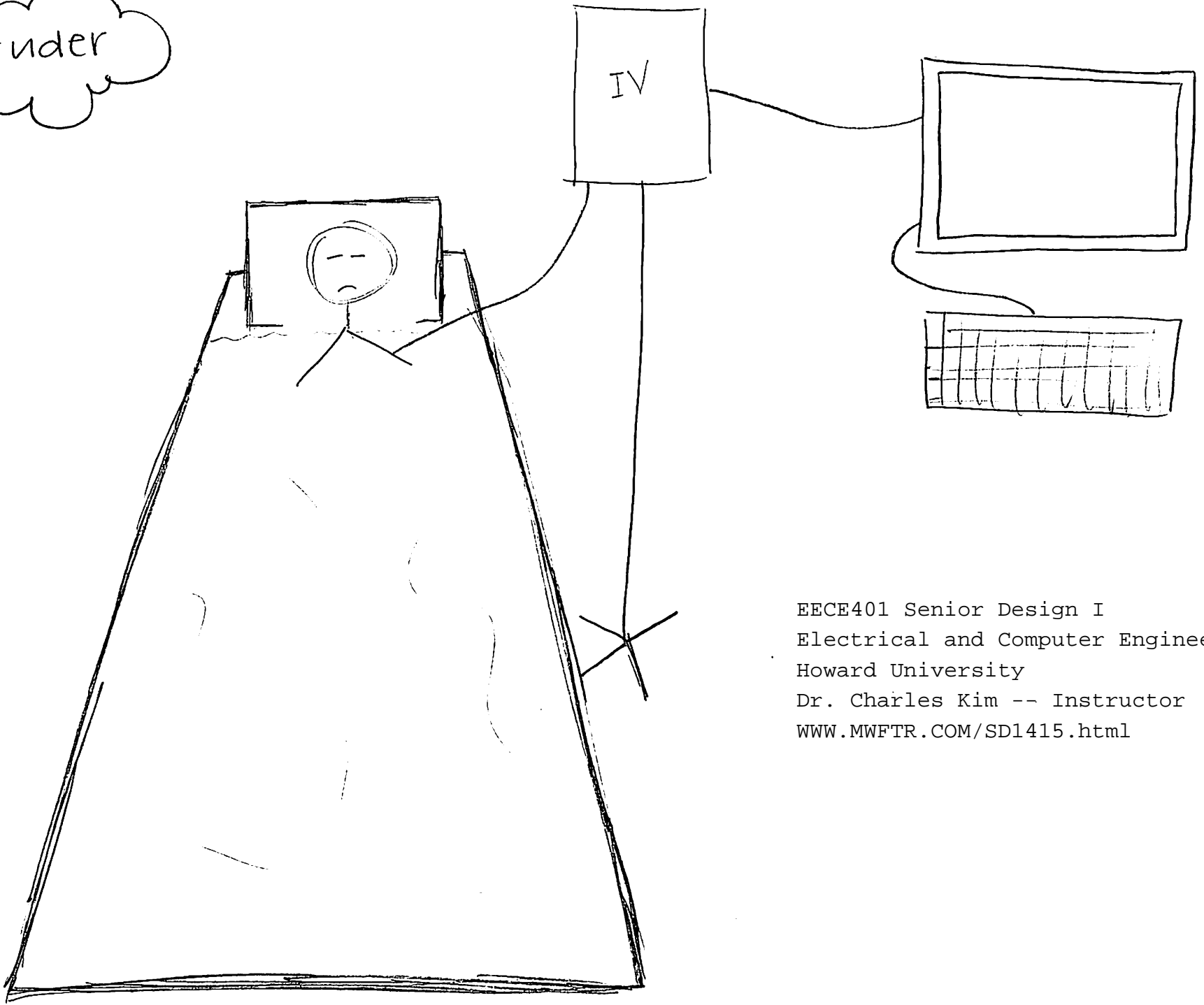
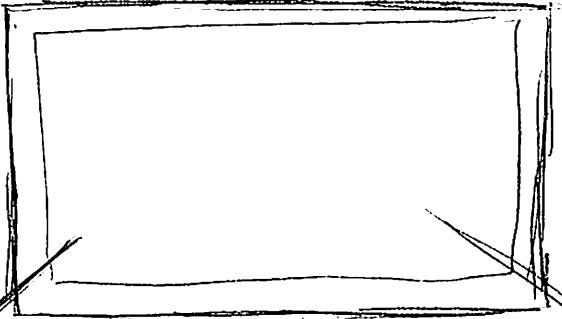


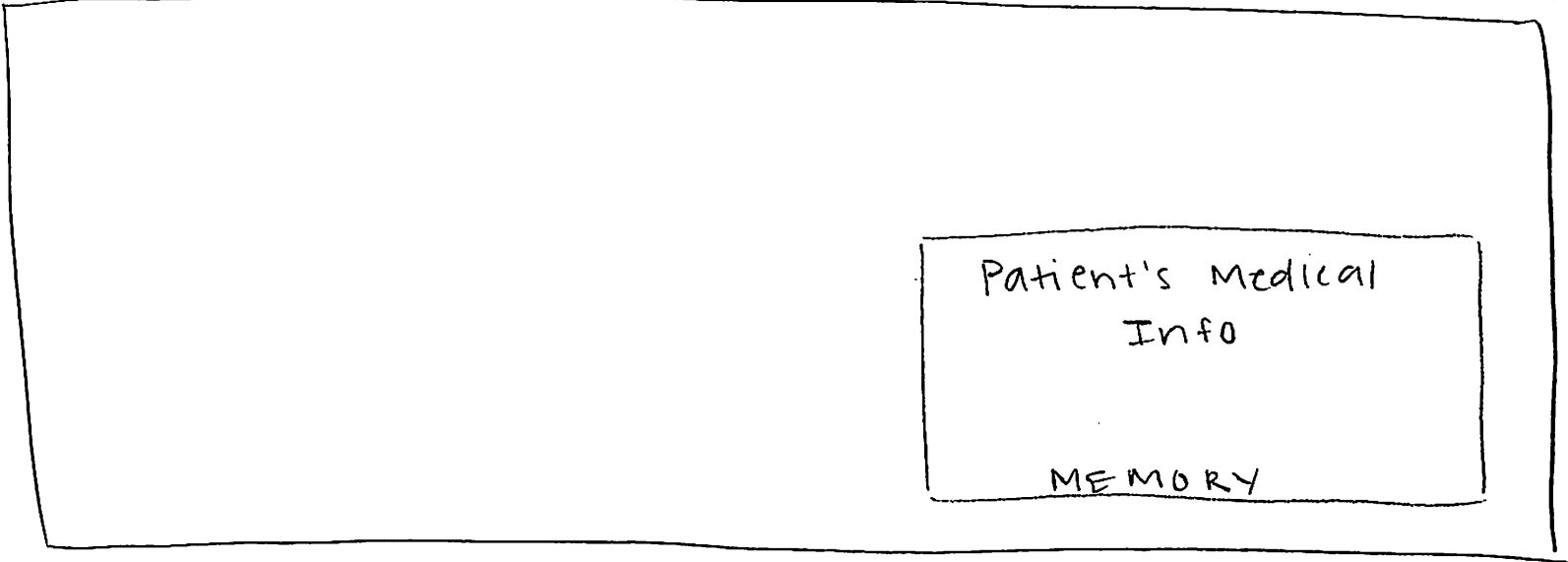
Intruder



EECE401 Senior Design I
Electrical and Computer Engineering
Howard University
Dr. Charles Kim -- Instructor
WWW.MWFTR.COM/SD1415.html



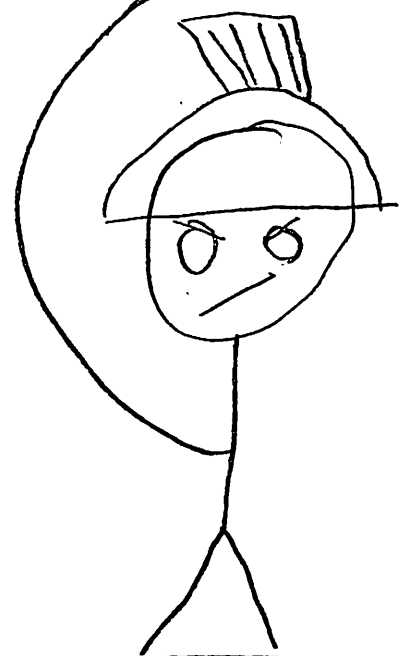
DEZi Board



DEZI BOARD

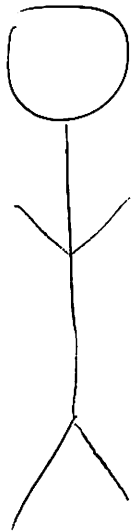
Name: Mary
DOB: 01-17-87
SEX: F
SSN: ***-**-978

0101010's *



Name: N/A
DOB: N/A
SEX: N/A
SSN: N/A

AES



Serpent



RC4



RSA



Hummingbird



Introducing

5 cryptographic algorithms...

... OPTIMIZED ALGORITHMS!

AES



SERPENT



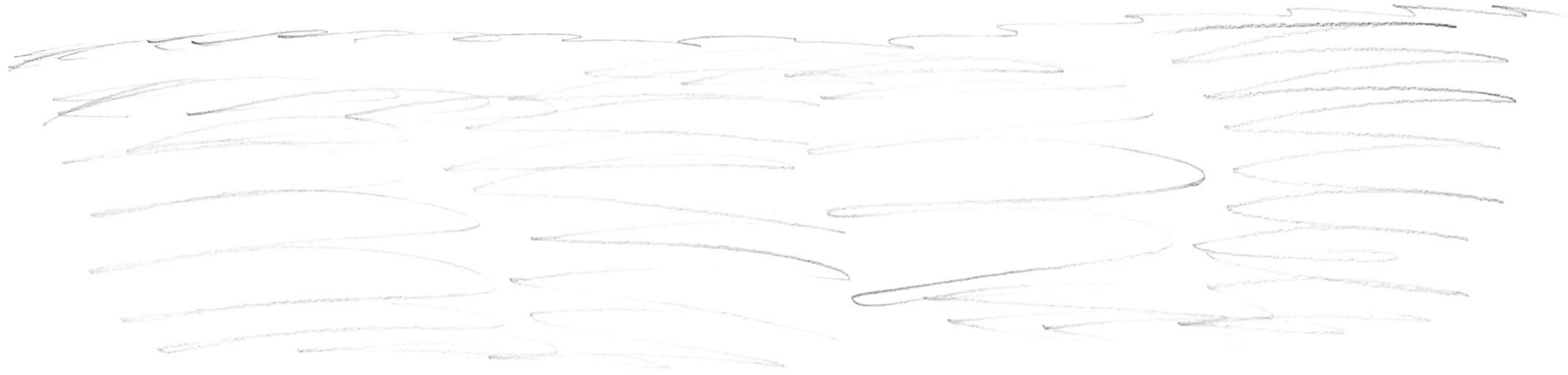
RC4



RSA



Hummingbird ©



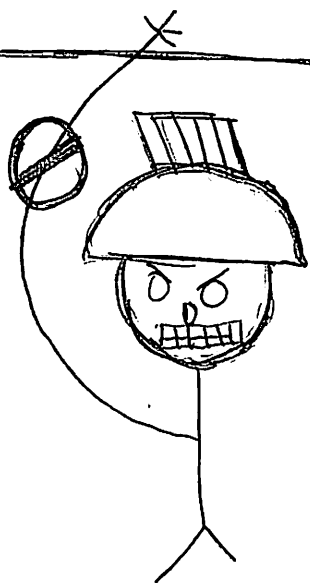
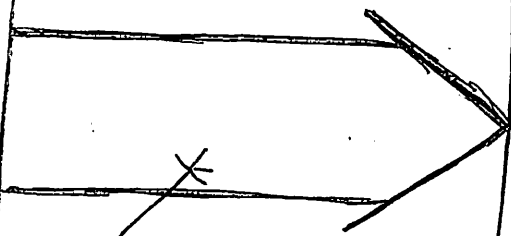
DE2i Board

MED DATA
Name: Mary Doe

DOB: 01-17-87

sex: Female

SSN: ***-**-9763



MED DATA
Name: 9@Z7 Δ8B

DOB: T431SP

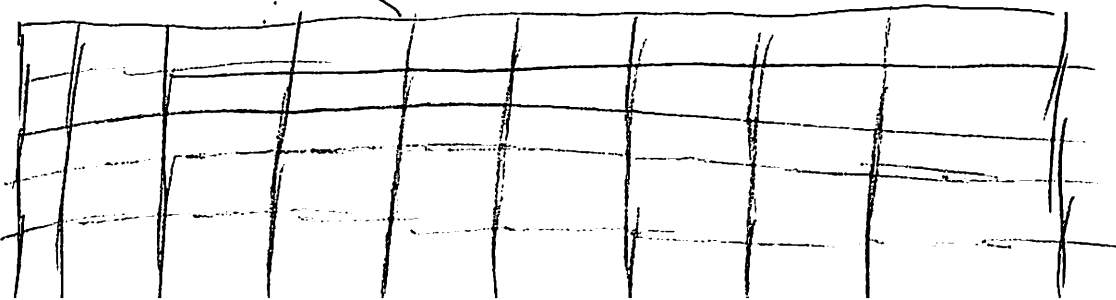
sex: X26FDA

SSN: KL19RE85Y

IV

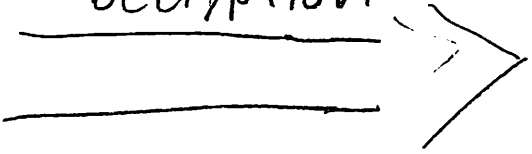
ALERT

!!!



MED Data
Name : F5S670A
Hospital ID : 0QB58C
Birth Date : BB7CQ
Sex : 05BBTB
Social # : CQ7AA

Decryption



MED Data
Name : Mary Doe
Hospital ID
Birth Date:
Sex : Female
Social # :

