

# ***Resume***

## ***Personal***

**Name** *Shymaa M. Arafat*

**Birth Date** 1972

**Birth Place** *Malaysia*

**Email** Shymaa.arafat@gmail.com, shar.academic@gmail.com

**Phone**

**GitHub** <https://github.com/DrShymaa2022/>,  
<https://github.com/Shymaa-Arafat/>

**Medium** <https://medium.com/@shymaa.arafat/>

**ORCID iD:** 0009-0009-7571-4060

**Facebook** <https://m.facebook.com/100010333725264/>

**YouTube.** <https://youtube.com/@shymaaarafat1342>

**Researchgate** <https://www.researchgate.net/profile/Shymaa-Arafat>

**Wallet address** 0xe8a9e41b726ba3eae6837dcf74e00e2d224d5842

**Current Residency** Egypt



## ***Previous Positions***

- Visiting Associate Professor at Beirut Arab University, Lebanon (2/2012-4/2012), Faculty of Engineering, Computer Science & Engineering Dept.
- Part time Associate Professor in Computer Engineering Dept., Pharos University, Alexandria, Egypt (Spring 2011, Fall 2009)
- Full time Associate Professor at the Computer Science Dept., Faculty of Computer & Information Sciences, Ain Shams University, Cairo, Egypt. (started 1/10/1999 as an assistant lecturer, and resigned 7/7/2008)
- Participated as part-time lecturer/ professor in many universities & Institutes in the same Interval (99-2008) as listed in the teaching experience
- Research Assistant at Mubarak City for Scientific Research & Technological Applications, Informatics Institute (4/1995- 30/9/1999)

(worked mostly in a virtual reality application where we took a training of the *Worldup* Software, and worked on developing a walk thru application)

## ***Education Record (Academic Grades)***

### **Ph.D. in Computer Science** (July 2001)

Alexandria University, Faculty of Engineering, Computer Science & System Engineering Dept.

[http://193.227.0.100/eulc\\_v5/Libraries/Thesis/BrowseThesisPages.aspx?fn=ThesisPicBoddy&BibID=10011669](http://193.227.0.100/eulc_v5/Libraries/Thesis/BrowseThesisPages.aspx?fn=ThesisPicBoddy&BibID=10011669)

(copy of the thesis is available at [https://github.com/DrShymaa2022/PhD\\_papers](https://github.com/DrShymaa2022/PhD_papers))

**Title of Thesis** *Operating on Optimal Binary Code Trees*

#### **Supervisors**

Prof. Dr. Ahmed A. Belal

Prof. Dr. Mohamed S. Selim

#### **Ph.D. Courses**

Course Name	Teaching Professor	Grade
Parallel & Distributed Systems	Dr. Hussain Ali	V. Good
Security in Computer Networks	Dr. Ahmed Belal	Distinction
Probabilistic Algorithms	Dr. Ahmed Belal	Distinction

### **M.Sc. in Computer Science** (July 1997)

University of Alexandria, Faculty of Engineering, Computer science & System Engineering Dept.

[http://193.227.0.100/eulc\\_v5/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=10153838](http://193.227.0.100/eulc_v5/Libraries/Thesis/BrowseThesisPages.aspx?fn=PublicDrawThesis&BibID=10153838)

**Title of Thesis** *An Efficient Parallel Sample Sorting Algorithm*

#### **Supervisors**

Prof. Dr. Ahmed A. Belal

Prof. Dr. Nagwa M. el-Makky

#### **Master Courses**

Course Name	Teaching Professor	Grade
Networking Personal Computers	Dr. Walid Aref	Distinction
Advanced Studies on Data Bases	Dr. Nagwa el Makky	V. Good
Algorithms Design & Analysis	Dr. Ahmed Belal	Pass *
Modern Control Theory	Dr. Ibrahim Abd el Salam	Distinction
Hard Ware	Dr. Salah Selim & Dr. Layla Abu Hadid	V. Good
Natural Language Processing	Dr. Ahmed el Nahas	Pass

\* The course is offered on a pass/Fail basis

### **B.Sc. in Computer science & Automatic Control** (June 1994)

University of Alexandria, Faculty of Engineering, Computer science & Automatic Control Dept.

**Graduation Grade** Very Good (84.39%) with degree of honor

**Graduation Project** Simulation of Storage Subsystems

**Project Grade** Distinction

## Online MOOCs

### **Mastering Web3 MOOC online course** (winter 2025)

offered by University of Nicosia

Final grade: 100 (50/50 MCQ, download to view in detail)

[https://github.com/DrShymaa2022/recommendation\\_letters\\_CVdocuments/blob/main/Mastering\\_Web3\\_Final%20MOOC%20Quiz\\_%20Attempt%20review%20\\_%20unic.mhtml](https://github.com/DrShymaa2022/recommendation_letters_CVdocuments/blob/main/Mastering_Web3_Final%20MOOC%20Quiz_%20Attempt%20review%20_%20unic.mhtml))

Certificate

[https://github.com/DrShymaa2022/recommendation\\_letters\\_CVdocuments/blob/main/Mastering\\_Web3\\_Certificate.pdf](https://github.com/DrShymaa2022/recommendation_letters_CVdocuments/blob/main/Mastering_Web3_Certificate.pdf)

Verifiable on the Bitcoin blockchain (<https://www.unic.ac.cy/verify/>)

### **ZKP MOOC online course** (Winter 2023)

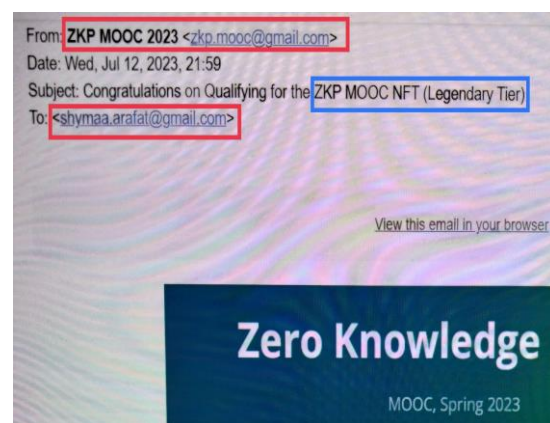
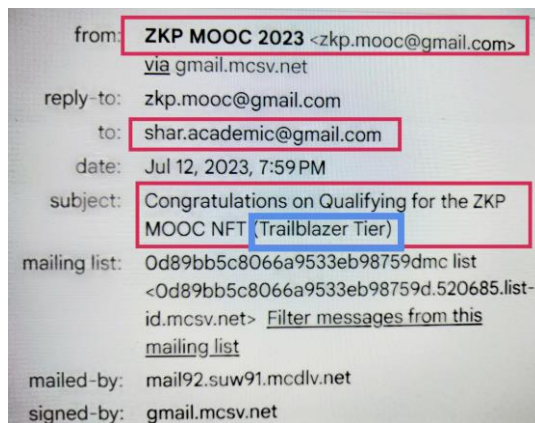
Zero Knowledge course offered by Berkeley University

<https://zkp-learning.org>

Earned Legendary Tier & Trailblazer Tier NFTs.

<https://basescan.org/tx/0xb6e86833b0f796c9a641dcc50ad0a400ce0ad7c5210abfe6dc19fbb5559d92bd>

<http://basescan.org/tx/0x1f45129107b46fdea040761b6055e7a7f55326b0b40a72d0dbec536910523fdb>



### **Introduction to DeFi MOOC** (Spring 2023)

A compact 6 week online course offered by University of Nicosia

Final grade **88.9**, (26.67/30, No free NFT)

[https://github.com/DrShymaa2022/recommendation\\_letters\\_CVdocuments/blob/main/DeF23\\_FinalQuiz\\_%20Attempt%20review%20\\_%20unic.mhtml](https://github.com/DrShymaa2022/recommendation_letters_CVdocuments/blob/main/DeF23_FinalQuiz_%20Attempt%20review%20_%20unic.mhtml) (download to view)

courses.unic.ac.cy/mod/quiz/view

UNIVERSITY of NICOSIA

Home Students English (en)

Shymaa Arafat

State	Grade / 30.00	Review	Feedback
Finished Submitted Friday, 2 June 2023, 12:40 PM	26.67	Review	Excellent attempt! Congratulations

Your final grade for this quiz is 26.67/30.00 = 88.9%

Overall feedback  
Excellent attempt! Congratulations

No more attempts are allowed

### Introduction to Digital Currencies MOOC (Spring 2023)

Offered by University of Nicosia

Final grade **85.67**, NFT issued on 23/5/2023.

<https://app.block.co/certificate/f640aada-8353-43bb-9126-f6a64b829b90/>

### DeFi MOOC online course (Fall 2021)

Decentralized Finance course offered by Berkeley University

<https://defi-learning.org/f21>

Earned the NFT Ninja-Tier

<https://gallery.metamirror.space/detail/?item=defimooc2021nft-41>





## AMID-EAST Exams

TOEFL 627 in 10/1995

TWE 4 in 10/1995

TSE 40 in 10/1996

**Test of Spoken English**  
**EXAMINEE'S SCORE RECORD**

NOTE FOR THE INSTITUTIONS: This score record has been supplied by the examinee. Score recipients are urged to verify the score record by calling toll free 800-287-2847. Scores more than two years old cannot be verified. Photographs should not be accepted.

**TSE SCORE**  
40

EXAMINEE'S ADDRESS:  
 0002  
 ARAFAT SHYMAA M  
 242 ALFATH ST JANAKL\*ES  
 ALEXANDRIA  
 EGYPT

REGISTRATION NUMBER: 2055725  
 OCT 96  
 F20

**TOEFL EXAMINEE'S SCORE RECORD**

REGISTRATION NUMBER: 2052582  
 NAME (Family or Surname, Given, Middle): ARAFAT-SHYMAA-M

TEST OF ENGLISH AS A FOREIGN LANGUAGE  
 SECTION 1: 63 SECTION 2: 61 SECTION 3: 64 TOTAL SCORE: 627

TOEFL SCALED SCORES  
 TEST OF WRITTEN ENGLISH: 4.0

EXAMINEE'S ADDRESS:  
 ARAFAT-SHYMAA-M  
 242 ALFATH ST JANAKLEES  
 ALEXANDRIA  
 EGYPT

Month Year TEST DATE: OCT 95  
 INST CODE: F201  
 CENTER NUMBER: F2 0

DATE OF BIRTH: 07/25/72  
 NATIVE LANGUAGE: ARABIC  
 REASON FOR TAKING TOEFL: 1

## GRE General

verbal 380, analytical 670, quantitative 780 in 10/1995

GRE Subjective in Computer Science 84 in 11/1998

BATCH NUM. - GEN: 4253-0010  
 SUB: 0661-0005

**MOST RECENTLY REPORTED GENERAL TEST**

TEST DATE	MO.	YR.	TYPE	VERBAL	ANALYTICAL	QUANTITATIVE	% BELOW	CORRECT	IN-CORRECT	OMITS
10/95	10	95	N	380	670	780	21	32	44	00

**MOST RECENTLY REPORTED SUBJECT TEST**

TEST DATE	MO.	YR.	TYPE	CODE	SCORE	% BELOW	SS1
11/98	11	98	N	29	780	84	

**PREVIOUSLY REPORTED GENERAL TEST**

TEST DATE	MO.	YR.	TYPE	VERBAL	ANALYTICAL	QUANTITATIVE	% BELOW	CORRECT	IN-CORRECT	OMITS
10/95	10	95	N	380	670	780	21	32	44	00

**EXAMINEE'S ADDRESS:**  
 10029  
 SHYMAA M ARAFAT  
 242 ALFATH ST JANAKLEES  
 ALEXANDRIA  
 EGYPT

REGISTRATION NUMBER: 8464-007  
 PRINT DATE: 12/05  
 BIRTH DATE: 07/25

## Activities

Winner of a research grant offered by the Center of Special Studies and Programs (CSSP), Bibliotheca Alexandrina (March 2005,involved 2 weeks visit to SMU11/9/2005-25/9/2005)  
<https://www.bibalex.org/cssp/Researchs/2004.htm>

<https://www.bibalex.org/cssp/Event/Event.aspx?ID=55>

**Research Title:** *Providing Secure Communications for Wireless and Wireline Applications*

**Foreigner Counterpart:** Prof. Dr. Hesham el Rewini,

Chairman of Computer Science & Engineering Dept., Faculty of Engineering, Southern Methodist University (SMU), USA (now in Marymount University as stated in the recommendation letter)

## Teaching Experience

Course Name	Academic year	University	Date
Algorithms Design & Analysis	Post-graduate Computer sciences	Faculty of Science, Alexandria University	3/2004-/2004 3/2003-/2003
Compilers Theory	4 <sup>th</sup> year Computer science		9/2003-1/2004
Computer Systems & Architectures	3 <sup>rd</sup> year Computer science		9/2002-1/2003
Artificial Intelligence	3 <sup>rd</sup> year	Faculty of Computer & Information Sciences  Ain shams University	2/2004– 6/2004
Operating Systems	3 <sup>rd</sup> year		2/2008
Compiler Theory	4 <sup>th</sup> year Computer science		9/2002-1/2008
Computer Security	4 <sup>th</sup> year Computer science		2/2002-6/2002 2/2003-6/2003
Digital Design	2 <sup>nd</sup> year		9/2001-1/2002
Advanced Compilers Design	Post-graduate Computer Science		10/2003-2/2004 10/2002-2/2003
Introduction to wireless networks	4 <sup>th</sup> year Computer science		1/2005 -5/2005
Parallel & distributed systems	4 <sup>th</sup> year Computer science		1/2005 -5/2005
Structured Programming	1 <sup>st</sup> year		1/2006- 5/2008
Distributed Operating Systems	Post-graduate computer science		10/2005-2/2006
Report Writing			2/2006-6/2006
Preparing Research Material			
Computing Algorithms	10 <sup>th</sup> & 7 <sup>th</sup> term Computer Engineering	Arab Academy for Science & Technology	2/2003-6/2003
Advanced Programming	3 <sup>rd</sup> term Computer science		
Digital Design	3 <sup>rd</sup> term-Computer Science & Computer Engineering		
Programming Applications	Summer course		7/2003
Computer Systems	4th year Electrical Engineering	Alexandria Institute of Technology	9/2003-1/2004
Algorithms Design & Analysis	2 <sup>nd</sup> year Computer Engineering		
Information Technology	3 <sup>rd</sup> year Computer Engineering		2/2004-6/2004
Formal Languages	3 <sup>rd</sup> year Computer Engineering		
Operating Systems	3rd year Computer Engineering	Pharos University	9/2009-2/2010
Computer & Networks Security	4 <sup>th</sup> year Computer Engineering	Pharos University	3/2011-7/2011
Data Structures	2 <sup>nd</sup> year Computer Engineering	Beirut Arab University	2/2012-4/2012

## ***Publications***

- 1- S. Arafat, A. Belal, N. el-Mekky, "A new parallel sample sorting algorithm", *In Proceedings of the IASTED conference on Computer Systems & Applications*, 30 March- 2 April 1998, Irbid, Jordan.
- 2- A.Belal, M. Abd el Azim, S. Arafat, "Limiting the search for two dimensional optimal alphabetic trees", *In Proceedings of The Fourth Joint Conference for Information Sciences JCIS98*, 23-28 October 1998, North Carolina, USA;  
<http://dimacs.rutgers.edu/archive/TechnicalReports/abstracts/1998/98-43.html>, full paper:  
[https://github.com/DrShymaa2022/PhD\\_papers/blob/main/LimitingSearchFor2DoptimalAlphabeticTrees\\_98.pdf](https://github.com/DrShymaa2022/PhD_papers/blob/main/LimitingSearchFor2DoptimalAlphabeticTrees_98.pdf)
- 3- A. Belal, M. Selim, S. Arafat, "Rebuilding Huffman Trees in Linear Time", *In Proceedings of The Seventh Maghrebian Conference on Computer Sciences MCSSEAI'2002*, 6-8 May 2002, Annaba, Algeria.
- 4- A. Belal, M. Selim, S. Arafat, "Merging Optimal Alphabetic Trees in Linear Time", *In Proceedings of The First International Conference on Intelligent Computing & Information Systems ICICIS 2002*, 24-16 June 2002, Cairo, Egypt.
- 5- A. Belal, M. Selim, S. Arafat, "Building Optimal Alphabetic Trees Recursively", *The 3<sup>rd</sup> WSEAS International Multiconference on Mathematics Math 2002*, 1-5 September 2002, Wolin Island, Poland, Vol 1, Issue2 of WSEAS Transaction on Mathematics, 2002, pp.77-82.
- 6- A. Belal, M. Selim, S. Arafat, "Towards an Optimal Dynamic Alphabetic Tree", *International journal on Intelligent Computing & Information Systems IJICIS*;  
<http://archive.dimacs.rutgers.edu/TechnicalReports/abstracts/1999.sav/99-22.html>, full paper:  
[https://github.com/DrShymaa2022/PhD\\_papers/blob/main/TowardsDynamicOptimalAlphabeticTree.pdf](https://github.com/DrShymaa2022/PhD_papers/blob/main/TowardsDynamicOptimalAlphabeticTree.pdf)

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### **After PhD**

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- 7- S. Arafat, "An Efficient simple Algorithm for Building Optimal Alphabetic Trees in Parallel", *WSEAS International Conference on Algorithms and Scientific Computing*, Vol 2, Issue3 of WSEAS Transaction on Computers, July 2003.
- 8- M.Syam, M. Hashem, S. Arafat, M. Mabrouk, "Neural Networks for Computer Virus Detection", *The 4<sup>th</sup> WSEAS International Conference on Neural Networks and Applications*, May 2003, Athens, Greece, Vol 2, Issue3 of WSEAS Transaction on Systems, July 2003.
- 9- M.Syam, Z. Fayed, S. Arafat, N.Hossam el Din, "Efficient Probabilistic Fault-tolerant Scheduling Algorithm for Real-time Tasks in Heterogeneous Multi-Processor Systems", *The 4<sup>th</sup> WSEAS International Conference on Computer Systems*, Dec 2004, New York. Vol 2, Issue3 of WSEAS Transaction on Systems, April 2004.



- 10- S. Arafat, "Encryption Using Alphabetic Trees", *The 3rd ACS/IEEE International Conference on Computer Systems and Applications, (AICCSA'05)*, Jan 2005, Cairo, Egypt; <https://ieeexplore.ieee.org/abstract/document/1387083/>
- 11- M.Syam, Z. Fayed, S. Arafat, N. .Hossam el Din, "An Efficient Online Scheduling Algorithm For Real Time Tasks In Multi Processor Systems", *2<sup>nd</sup> International conference on Intelligent computing & Information Systems ICICIS*, 5-7 March 2005, Cairo, Egypt.
- 12- M.Syam, S.Arafat, A.Ibrahim, "A CFG Based Authorization Frame Work", *2<sup>nd</sup> International conference on Intelligent computing & Information Systems ICICIS*, 5-7 March 2005, Cairo, Egypt.
- 13- M.Syam, M. Hashem, S. Arafat, M .Mabrouk, "Data Mining for Computer Virus Detection", *2<sup>nd</sup> International conference on Intelligent computing & Information Systems ICICIS*, 5-7 March 2005, Cairo, Egypt.
- 14- M. Tolba, S. Arafat, R. Kotb, "Analysis of Alphabetic Tree Cipher", *the 4<sup>th</sup> International Multi conference in Computer Science & Information Technology*, 5-7 April 2006, Amman, Jordan.
- 15- S.Arafat, Y.Dakroury, A.Wahab, "An Efficient and Secure Ad hoc Routing Protocol", *Global Engineering Science and Technology Society (GESTS) Transaction On Computer Science & Engineering*, Vol. 32 and No.1, Sept.2006; <https://dblp.org/pid/81/7056.html> (was accepted in IEEE conference)
- 16- M. Tolba, S. Arafat, R. Kotb, "Comparing Alphabetic Tree Cipher (ATC) to RC5, RC6 and Rijndael", *International journal on Intelligent Computing & Information Systems IJICIS*, 2006.

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**Back From Retirement**  
(in chronological order)

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- 17- Draft talk on Algorithmic Game Theory (12/2019)  
[https://m.facebook.com/story.php?story\\_fbid=1018702451817536&id=100010333725264](https://m.facebook.com/story.php?story_fbid=1018702451817536&id=100010333725264)
- 18- Draft talk on Blockchain Market Manipulation Attacks (3/2021)  
[https://m.facebook.com/story.php?story\\_fbid=1386287771725667&id=100010333725264](https://m.facebook.com/story.php?story_fbid=1386287771725667&id=100010333725264)
- 19- S. Arafat, "Partitioning Bitcoin UTXOS Merkle Tree Into Different SubTrees To Reduce Proof Size", [https://github.com/Shymaa-Arafat/lab2/blob/main/DeFi\\_2UTXOS2\\_NewOutline.pdf](https://github.com/Shymaa-Arafat/lab2/blob/main/DeFi_2UTXOS2_NewOutline.pdf); ( rejected by DeFi'22)  
Reviewer1: border line paper, reviewers2&3: Bitcoin issue, not related to DeFi. The detailed review reports can be found on the Facebook link.  
[https://m.facebook.com/story.php?story\\_fbid=1567082160312893&id=100010333725264](https://m.facebook.com/story.php?story_fbid=1567082160312893&id=100010333725264)

- 20- S. Arafat, "*Providing Non-inclusion Proofs in Bitcoin append to right UTXOS Merkle*", [https://github.com/Shymaa-Arafat/lab2/blob/main/DeFi\\_3fraudProofs.pdf](https://github.com/Shymaa-Arafat/lab2/blob/main/DeFi_3fraudProofs.pdf); rejected by DeFi'22, Reviewer1&2: Bitcoin issue, not related to DeFi. The detailed review reports: [https://m.facebook.com/story.php?story\\_fbid=1566310467056729&id=100010333725264](https://m.facebook.com/story.php?story_fbid=1566310467056729&id=100010333725264)
- 21- S. Arafat, "*The Effect of Propagation Delay Due to Geo-distribution on Blockchains*", [https://github.com/Shymaa-Arafat/lab2/blob/main/DeFi\\_MOOC\\_Article.md](https://github.com/Shymaa-Arafat/lab2/blob/main/DeFi_MOOC_Article.md), submitted in partial fulfillment of the DeFi MOOC course 2021
- 22- S. Arafat, "*SoK : Can NFTs Solve The Economic Problems of Countries with Ancient Heritage? Egypt as a Case Study*", [https://github.com/Shymaa-Arafat/lab2/blob/main/CameraReady\\_1sprngr\\_EgyptN.pdf](https://github.com/Shymaa-Arafat/lab2/blob/main/CameraReady_1sprngr_EgyptN.pdf), <https://youtu.be/mT7qSMvV7FQ>; **accepted** by EAI BlockTEA 2022 Springer Verlag conference; [https://link.springer.com/chapter/10.1007/978-3-031-31420-9\\_10](https://link.springer.com/chapter/10.1007/978-3-031-31420-9_10).
- 23- S.Arafat, <https://medium.com/@shymaa.arafat/what-are-verkle-trees-kzg-commitments-and-could-they-be-applied-on-bitcoin-cbf4838d18ac>; an article submitted (on 6 May 2023) in partial fulfilment of the *Trailerblazer* Tier of the ZK MOOC course 2023.
- 24- S. Arafat, <https://medium.com/@shymaa.arafat/flat-shamir-transformation-and-its-security-problems-shymaa-m-a14d8f7d9192>; an article submitted (on 6 May 2023) in partial fulfilment of the *Trailerblazer* Tier of the ZK MOOC course 2023.
- 25- S. Arafat, <https://medium.com/@shymaa.arafat/metaverse-threats-liabilities-c7d8fd50a21d>; 18/6/2023.
- 26- S. Arafat, <https://medium.com/@shymaa.arafat/defi-attacks-part-1-1906a9307fe2>; 21/6/2023.
- 27- S. Arafat, <https://medium.com/@shymaa.arafat/defi-attacks-part-2-45c7e2c9c00>; 25/6/2023.
- 28- S. Arafat, <https://medium.com/@shymaa.arafat/cbdc-part1-1da3a944722c>; 7/2023
- 29- S. Arafat, <https://medium.com/@shymaa.arafat/what-happened-to-polynetwork-2021-then-2023-2e991e29655b>; 23/10/2023.
- 30- S. Arafat, [https://github.com/DrShymaa2022/articles\\_papers/blob/main/Understanding\\_Cross\\_Chain\\_Interoperability\\_Solutions-\\_part1.pdf](https://github.com/DrShymaa2022/articles_papers/blob/main/Understanding_Cross_Chain_Interoperability_Solutions-_part1.pdf); (available on medium too)30/10/2023
- 31- S. Arafat, <https://medium.com/@shymaa.arafat/bugs-in-our-pockets-client-side-scanning-from-2021-to-2024-2442b286e501>, presentation: <https://youtu.be/Qq3FT3CferU>
- 32- S.Arafat, <https://medium.com/@shymaa.arafat/crypto-crimes-2023-2024-report-b73055ba9d8b>

- 33- S. Arafat,  
<https://www.researchgate.net/publication/383220628> *On the Estonian Internet Voting System IVXV SoK and Suggestions*; <https://eprint.iacr.org/2025/506>;  
 (older version rejected by E-Vote-ID'24, I've done major changes and it is still evolving; i.e. work in progress)
- 34- S. Arafat, "*Blockchains in Water Management & Trading*", [https://www.researchgate.net/publication/382642184\\_A\\_Study\\_of\\_Blockchain\\_applications\\_in\\_the\\_Water\\_Sector](https://www.researchgate.net/publication/382642184_A_Study_of_Blockchain_applications_in_the_Water_Sector); a preprint.
- 35- S. Arafat, "*A Study of Blockchain Consensus Protocols*",  
[https://www.researchgate.net/publication/382447691\\_A\\_Study\\_of\\_Blockchain\\_Consensus\\_Protocols](https://www.researchgate.net/publication/382447691_A_Study_of_Blockchain_Consensus_Protocols); <https://eprint.iacr.org/2025/637>; this version is submitted to Cyber Security version after major revision, the paper is also submitted to SBC'25 (it is allowed to submit published or under review work to SBC'25)
- 36- S. Arafat, "*WIP: Towards Hardcopy Solid Court Verifiability- A (2 Devices) (3 Receipts) Electronic Voting System*", still work in progress,  
<https://www.researchgate.net/publication/382853901> *WIP now we can have enough evidence in court- A Simple two Devices three Receipts in-booth Voting System*; presentation: <https://youtu.be/0wzcHdXEKHM>