

Muhammad Faisal Amjad

Associate Professor

Military College of Signals

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About

Dr. Muhammad Faisal Amjad is working as Associate Professor in the Military College of Signals. Dr. Muhammad Faisal Amjad has a PhD in Computer Science. Dr. Muhammad Faisal Amjad has published 51 research articles & conference papers having a citation count of 506, carried out 2 projects and filed 9 intellectual property.

Qualifications

PhD in Computer Science University of Central Florida , United States	2010 - 2015
MS in Computer Software Engg NUST, Islamabad , Pakistan	2002 - 2004
BE in Computer Software Engg NUST, Islamabad , Pakistan	1996 - 2000

Experience

Associate Professor Military College of Signals	2025- Present
Associate Professor Military College of Signals	2022 - 2025
Associate Professor Military College of Signals	2020 - 2022
Associate Professor Military College of Signals	2019 - 2020
Assistant Professor Military College of Signals	2019 - 2019
Associate Professor National University of Sciences and Technology Pakistan , H-12	2020 - 2021
Assistant Professor National University of Sciences and Technology Pakistan , H-12	2019 - 2020
Research Scientist University of Nevada Reno, USA , Reno, Nevada, USA	2018 - 2019
Assistant Professor National University of Sciences and Technology Pakistan , H-12	2015 - 2018
Instructor University of Central Florida, USA , Orlando, Florida USA	2014 - 2014
Instr CI-B MCS , MCS	2006 - 2010

Awards

Senior Member of the IEEE	2016
Member UPE	2014
Inducted as a member of the Upsilon Pi Epsilon (UPE) International Honor Society for the Computing Disciplines	
President's Gold Medal	2004
Secured the Top position in MS Software Engineering Program.	

Professional Memberships

PEC	Since 2006
IEEE	Since 2016

Research Projects

National Projects	
Blockage of Unwanted YouTube Videos in Network Traffic	2024
Funding Agency: NUST	
Amount: PKR 1,000,000.00	
Status: Approved_inprocess	
NATIONAL CYBER SECURITY AUDITING AND EVALUATION LAB (NCSAEL)	2018
Funding Agency: HEC	
Amount: PKR 73,200,000.00	
Status: Approved_inprocess	

International Projects

Research Articles

Inter-Cloud Data Security Framework to Build Trust Based on Compliance with Controls	2024
Syed Imran Akhtar Abdul Rauf Muhammad Faisal Amjad Ifra Batool	
IET Information Security , Volume 2024, Article ID 6565102, 19 pages	
Impact Factor: 1.3 Quartile: 3	
DOI: https://doi.org/10.1049/2024/6565102	
Compliance and feedback based model to measure cloud trustworthiness for hosting digital twins	2024
Syed Imran Akhtar Abdul Rauf Haider Abbas Muhammad Faisal Amjad Ifra Batool	
Journal of Cloud Computing , Volume 13, Article Number: 132	
Impact Factor: 3.700 Quartile: 2	
DOI: https://doi.org/10.1186/s13677-024-00690-0	
Security Assessment and Evaluation of VPNs: A Comprehensive Survey	2023
Haider Abbas Naina Emmanuel Muhammad Faisal Amjad Tahreem Yaqoob Muhammad Atiquzzaman Zafar Iqbal Narmeen Shafqat Waleed Bin Shahid Ali	
Tanveer Umer Ashfaq	
ACM Computing Surveys , Volume 55, Issue 13s	
Impact Factor: 14.324 Quartile: 1 Citations: 18	
DOI: https://doi.org/10.1145/3579162	
Circumventing Google Play vetting policies: a stealthy cyberattack that uses incremental updates to breach privacy	2023
Zia Muhammad Muhammad Faisal Amjad Zafar Iqbal Abdul Rehman Javed Thippa Reddy Gadekallu	
Journal of Ambient Intelligence and Humanized Computing , Pages 1-10	
Impact Factor: 3.662 Quartile: 2 Citations: 9	
DOI: https://doi.org/10.1007/s12652-023-04535-7	
PCSS: Privacy Preserving Communication Scheme for SDN Enabled Smart Homes	2022
Haider Abbas Bilal Rauf Yawar Abbas Muhammad Faisal Amjad Mian Muhammad Waseem Iqbal Ahmed Hemani	
IEEE Sensors , Volume 22, Issue 18, Pages 17677-17690	
Impact Factor: 3.301 Quartile: 2 Citations: 32	
DOI: 10.1109/JSEN.2021.3087779	

HLSBD2: a quantum secure hybrid level source based data deduplication for the cloud <i>Waqas Ajmal Khan Fawad Khan Shahzaib Tahir Yinghui Zhang Muhammad Faisal Amjad Jawad Ahmad</i> <i>Journal of Ambient Intelligence and Humanized Computing</i> , Pages 1-14 Impact Factor: 7.104 Quartile: 1 Citations: 1 DOI: https://doi.org/10.1007/s12652-022-03875-0	2022
CACS: A Context-Aware and Anonymous Communication Framework for an Enterprise Network using SDN <i>Bilal Rauf Haider Abbas Ahmed Muqeem Shehri Waseem Iqbal Yawar Abbas Bangash Mahmoud Daneshmand Muhammad Faisal Amjad</i> <i>IEEE Internet of Things Journal</i> , Volume: 9, Issue: 14, Page(s): 11725 - 11736, 15 July 2022 Impact Factor: 9.471 Quartile: 1 Citations: 5 DOI: 10.1109/JIOT.2021.3132030	2021
Cybersecurity Standards in the Context of Operating System: Practical Aspects, Analysis, and Comparisons <i>Syed Wasif Abbas Hamdani Haider Abbas Abdul Rehman Janjua Waleed Bin Shahid Muhammad Faisal Amjad Jahanzaib Malik Malik Hamza Murtaza</i> <i>Mohammed Atiquzzaman Abdul Waheed Khan</i> <i>ACM Computing Surveys</i> , Volume 54, Issue 3, Article Number 57 Impact Factor: 14.324 Quartile: 1 Citations: 24 DOI: https://doi.org/10.1145/3442480	2021
AdS : An Adaptive Spectrum Sensing Technique for Survivability under Jamming Attack in Cognitive Radio Networks <i>Hammad Afzal Haider Abbas Abdul B. Subhani Muhammad Faisal Amjad</i> <i>Computer Communications</i> , Volume 172, Pages 25-34 Impact Factor: 5.047 Quartile: 1 Citations: 10 DOI: https://doi.org/10.1016/j.comcom.2021.03.001	2021
Evaluating the Harmonized Digital Forensic Investigation Process based on Call Detail Records <i>Khaweris Khaula Imran Touqir Muhammad Riaz Mughal Khaweris Khaula Muhammad Faisal Amjad Muhammad Riaz Mughal</i> <i>IEEEP New Horizons</i> , Volume No.102, Issue 1, Pages 35-40 Impact Factor: Nil DOI: https://ieeepnhrij.org/index.php/ieeep/index	2020
Auto-MeDiSine: an auto-tunable medical decision support engine using an automated class outlier detection method and AutoMLP <i>Maham Jahangir Hammad Afzal Mehreen Ahmed Khawar Khurshid Muhammad Faisal Amjad Raheel Nawaz Haider Abbas</i> <i>Neural Computing and Applications</i> , Volume:32, Issue:7, Page:2621-2633 Impact Factor: 5.606 Quartile: 1 Citations: 11 DOI: 10.1007/s00521-019-04137-5	2020
On the efficiency of software implementations of lightweight block ciphers from the perspective of programming languages <i>Khawir Mahmood Abdur Rehman Raza Khan Muhammad Faisal Amjad Haider Abbas Mehreen Afzal</i> <i>Future Generation Computer Systems</i> , Volume:104, Page:43-59 Impact Factor: 7.187 Quartile: 1 Citations: 10 DOI: https://doi.org/10.1016/j.future.2019.09.058	2020
Fog computing in internet of things: Practical applications and future directions <i>Rida Zojaj Naeem Saman Bashir Muhammad Faisal Amjad Haider Abbas Hammad Afzal</i> <i>Peer-to-Peer Networking and Applications</i> , Volume 12, pages 1236–1262 Impact Factor: 2.793 Quartile: 2 Citations: 38 DOI: https://doi.org/10.1007/s12083-019-00728-0 ,	2019
AdDroid: Rule-Based Machine Learning Framework for Android Malware Analysis <i>Anam Mehtab Waleed Bin Shahid Tahreem Yaqoob Muhammad Faisal Amjad Haider Abbas Hammad Afzal Malik Najmus Saqib</i> <i>Mobile Networks and Applications</i> , Pages 1-13 Impact Factor: 2.602 Quartile: 2 Citations: 42 DOI: 10.1007/s11036-019-01248-0	2019
Accelerated Dynamic MRI Using Kernel-Based Low Rank Constraint <i>Omar Arif Hammad Afzal Haider Abbas Muhammad Faisal Amjad Jiafu Wan Raheel Nawaz</i> <i>Journal of Medical Systems</i> , Volume 43, Pages 1-11 Impact Factor: 3.058 Quartile: 1 Citations: 8 DOI: https://doi.org/10.1007/s10916-019-1399-x	2019

Framework for Calculating Return on Security Investment (ROSI) for Security Oriented Organizations <i>Narmeen Shafqat Tahreem Yaqoob Azka Arshad Haider Abbas Muhammad Faisal Amjad</i> <i>Future Generation Computer Systems</i> , Volume 95, Pages 754-763 Impact Factor: 6.125 Quartile: 1 Citations: 21 DOI: https://doi.org/10.1016/j.future.2018.12.033	2019
Forensic Analysis of Tor Browser: A Case Study for Privacy and Anonymity on the Web <i>Abid Khan Jadoon Waseem Iqbal Hammad Afzal Yawar Abbas Bangash Muhammad Faisal Amjad</i> <i>Forensic Science International</i> , Volume 299, Pages 59-73 Impact Factor: 2.108 Quartile: 1 Citations: 41 DOI: 10.1016/j.forsciint.2019.03.030	2019
Auto-MeDiSine: An Auto-Tunable Medical Decision Support Engine using an automated Class Outlier Detection method and AutoMLP <i>Maham Jahangir Hammad Afzal Mehreen Ahmed Raheel Nawaz Haider Abbas Khawar Khurshid Muhammad Faisal Amjad</i> <i>Neural Computing and Applications</i> , Pages 1–13 Impact Factor: 4.774 Quartile: 1 Citations: 11 DOI: https://doi.org/10.1007/s00521-019-04137-5	2019
A Framework to Estimate the Nutritional Value of Food in Real Time Using Deep Learning Techniques RAZA YUNUS OMAR ARIF HAMMAD AFZAL MUHAMMAD FAISAL AMJAD HAIDER ABBAS HIRA NOOR BOKHAR SYEDA TAZEEN HAIDER NAUMAN ZAFAR RAHEEL NAWAZ <i>IEEE Access</i> , Volume 7, Pages 2643-2652 Impact Factor: 4.098 Quartile: 1 Citations: 89 DOI: 10.1109/ACCESS.2018.2879117	2018
AndroKit: A Toolkit for Forensics Analysis of Web Browsers on Android Platform <i>Muhammad Asim Hammad Afzal Yin Zhang HAIDER ABBAS Waseem Iqbal Muhammad Faisal Amjad</i> <i>Future Generation Computer Systems</i> , Volume 94, Pages 781-794 Impact Factor: 5.768 Quartile: 1 Citations: 13 DOI: https://doi.org/10.1016/j.future.2018.08.020	2018
Exploring Nested Ensemble Learners using Over-production and Choose Approach for Churn Prediction in Telecom Industry <i>Mahreen Ahmed Hammad Afzal Imran Siddiqi Muhammad Faisal Amjad Khawar Khurshid</i> <i>Neural Computing and Applications</i> , Neural Computing and Applications Impact Factor: 4.664 Quartile: 1 Citations: 26 DOI: 10.1007/s00521-018-3678-8	2018
An Evolutionary Routing Game for Energy Balance in Wireless Sensor Networks <i>Afraa Attiah Mainak Chatterjee Cliff Zou Muhammad Faisal Amjad</i> <i>Computer Networks</i> , Volume: 138, Pages: 31-43 Impact Factor: 3.030 Quartile: 1 Citations: 29 DOI: 10.1016/j.comnet.2018.03.032	2018
Defence Against PUE Attacks in Ad hoc Cognitive Radio Networks: A Mean Field Game Approach <i>Muhammad Faisal Amjad Saim Bin Abdul Khaliq Haider Abbas Narmeen Shafqat Hammad Afzal</i> <i>Telecommunication Systems</i> , Volume: 70 Issue: 1 Pages: 123-140 Published: JAN 2019 Impact Factor: 1.707 Quartile: 3 Citations: 17 DOI: 10.1007/s11235-018-0472-y	2018
Gateway independent user-side wi-fi Evil Twin Attack detection using virtual wireless clients <i>Omar Nakhila Cliff Zou Eric Dondyk Muhammad Faisal Amjad</i> <i>Computers and Security</i> , Volume 74, Pages 41-54 Impact Factor: 3.062 Quartile: 2 Citations: 17 DOI: 10.1016/j.cose.2017.12.009	2018
Forensic Investigation to detect forgeries in ASF Files of Contemporary IP Cameras <i>Rashid Masood Khan Hammad Afzal Maroof Pasha HAIDER ABBAS Abdul Rauf Muhammad Faisal Amjad Waseem Iqbal</i> <i>The Journal of Supercomputing</i> , Page 1–22 Impact Factor: 2.157 Quartile: 2 DOI: 10.1007/s11227-018-2377-7	2018
Algebraic Side Channel Attack on Trivium and Grain Ciphers ASIF RAZA KAZMI Mehreen Afzal MUHAMMAD FAISAL AMJAD HAIDER ABBAS XIAODONG YANG	2017

IEEE Access , Volume 5, Pages 23958-23968

Impact Factor: 3.557 | Quartile: 1 | Citations: 14

DOI: 10.1109/ACCESS.2017.2766234

Evolutionary Non-Cooperative Spectrum Sharing Game: Long Term Coexistence for Collocated Cognitive Radio Networks

2016

Muhammad Faisal Amjad Mainak Chatterjee Cliff Zou Omer Nakhila

Wireless Communications and Mobile Computing, Volume 16, Issue 15, Pages 2166-2178

Impact Factor: 1.899 | Quartile: 2 | Citations: 4

DOI: 10.1002/wcm.2674

High Capacity Multi-Layer Framework for Highly Robust Textual Steganography

2016

Muhammad Faisal Amjad Ahmed Khan Muhammad Sohaib

SCIENCE INTERNATIONAL , SCIENCE INTERNATIONAL Volume 28(5) Pages 4451-4457, 2016

Impact Factor: 0

DOI: <http://www.sci-int.com/pdf/11083378741%20a%204451-4457%20Ahmed%20khan.pdf>

Coexistence in heterogeneous spectrum through distributed correlated equilibrium in cognitive radio networks

2016

Muhammad Faisal Amjad Mainak Chatterjee Cliff Zou

Computer Networks , Volume 98, Pages 109-122

Impact Factor: 2.516 | Quartile: 1 | Citations: 6

DOI: 10.1016/j.comnet.2016.01.016

Towards trustworthy collaboration in spectrum sensing for ad hoc cognitive radio networks

2016

Muhammad Faisal Amjad Afraa Attiah Baber Aslam Cliff C. Zou

Wireless Networks , WIRELESS NETWORKS Volume: 22 Issue: 3 Pages: 781-797, April 2016

Impact Factor: 1.584 | Quartile: 3 | Citations: 10

DOI: 10.1007/s11276-015-1004-2

Conference Proceedings

Anomalous Executable Files Detection Using Random Forest Classification with SIEM Integration

2025

Waqas Ahmad Usama Mustafa Faiz Ul Islam Muhammad Faisal Amjad

2025 International Conference on Communication Technologies, ComTech 2025, res.country(177,)

Citations: N/A

DOI: 10.1109/ComTech65062.2025.11034637

Unveiling Hidden Threats in PDFs with Hybrid Malware Classification

2024

Sh M Zeeshan Javed Dr. Muhammad Faisal Amjad

2024 IEEE 30th international conference on telecommunications (ICT), res.country(112,)

Citations: N/A

DOI: <https://doi.org/12345>

VADSEC-A LIGHTWEIGHT PROTECTION SCHEME FOR SECURE TOPOLOGY DISCOVERY

2023

Muhammad Shoaib Muhammad Faisal Amjad Yawar Abbas Bangash

12th International Conference on Networks, Communication and Computing (ICNCC), res.country(113,)

Citations: N/A

DOI: 10.1145/3638837.3638844

CNN-HMM Model for Real Time DGA Categorization

2023

Aimen Mahmood Haider Abbas Faisal Amjad

21st International Conference on Security and Cryptography, res.country(109,)

Citations: N/A

DOI: 10.5220/0012136800003555

The Implementation of Encryption Algorithms in MQTT Protocol for IoT Constrained devices

2022

Yasir Iqbal Muhammad Faisal Amjad Fawad Khan Haider Abbas

2022 14th IEEE International Conference on Computational Intelligence and Communication Networks, CICON 2022 res.country(192,)

Citations: N/A

DOI: 10.1109/CICON56167.2022.10008320

A Systematic Evaluation of Android Anti-Malware Tools for Detection of Contemporary Malware

2021

Zia Muhammad Dr. Muhammad Faisal Amjad Dr. Haider Abbas Zafar Iqbal Anique Azhar Ahsan Yasin Hasan Iesar

2021 IEEE 19th International Conference on Embedded and Ubiquitous Computing (EUC), res.country(48,)

Citations: N/A DOI: 10.1109/EUC53437.2021.00025	
Inter Cloud Interoperability Use Cases and Gaps in Corresponding Standards <i>Dr Abdul Rauf Dr. Haider Abbas Muhammad Faisal Amjad Syed Imran Akhtar</i> 2020 <i>IEEE Intl Conf on Dependable, Autonomic and Secure Computing, Intl Conf on Pervasive Intelligence and Computing, Intl Conf on Cloud and Big Data Computing, Intl Conf on Cyber Science and Technology Congress</i> , res.country(38,)	2020
Citations: N/A DOI: 10.1109/DASC-PICom-CBDCCom-CyberSciTech49142.2020.00103	
Cuckoo's Malware Threat Scoring and Classification: Friend or Foe? <i>Aaron Walker Muhammad Faisal Amjad Shamik Sengupta</i> <i>IEEE 9th Annual Computing and Communication Workshop and Conference (CCWC)</i> , res.country(233,)	2019
Citations: N/A DOI: 10.1109/CCWC.2019.8666454	
A Multi-Classifer Framework for Open Source Malware Forensics <i>Naeem Amjad Muhammad Faisal Amjad Hammad Afzal Farrukh Aslam Khan</i> <i>Proceedings - IEEE 27th International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (WETICE 2018)</i> , res.country(75,)	2018
Citations: N/A DOI: 10.1109/WETICE.2018.00027	
Feasibility analysis for deploying national healthcare information system (NHIS) for Pakistan <i>Tahreem Yaqoob Faiza Mir Dr. Haider Abbas Waleed Shahid Dr. Muhammad Faisal Amjad Narmeen Shafqat</i> 2017 <i>IEEE 19th International Conference on e-Health Networking, Applications and Services (Healthcom)</i> , res.country(48,)	2017
Citations: N/A DOI: 10.1109/HealthCom.2017.8210836	
An Evolutionary Game for Efficient Routing in Wireless Sensor Networks <i>Muhammad Faisal Amjad mainak chatterjee cliff zou afraa attiah</i> <i>IEEE Global Communications Conference (GLOBECOM) held from 4-8 Dec 2016 in USA</i> , res.country(233,)	2016
Citations: N/A DOI: 10.1109/GLOCOM.2016.7841592	
ADP: An adaptive feedback approach for energy-efficient wireless sensor networks <i>Muhammad Faisal Amjad Cliff zou afraa attiah omar nakhila</i> 2016 <i>International Conference on Computing, Networking and Communications (ICNC) held from 15-18 Feb 2016 in USA</i> res.country(233,)	2016
Citations: N/A DOI: 10.1109/ICCNC.2016.7440565	
User-Side Wi-Fi Evil Twin Attack Detection Using SSL/TCP Protocols <i>omar nakhila eric dondyk Muhammad Faisal Amjad cliff zou</i> <i>User-Side Wi-Fi Evil Twin Attack Detection Using SSL/TCP Protocols</i> , res.country(233,)	2015
Citations: N/A DOI: 10.1109/CCNC.2015.7157983	
Inducing Voluntary Cooperation for Optimal Coexistence in Cognitive Radio Networks: A Game Theoretic Approach <i>Muhammad Faisal Amjad mainak chatterjee cliff zou</i> 2014 <i>IEEE Military Communications Conference</i> , res.country(233,)	2014
Citations: N/A DOI: 10.1109/MILCOM.2014.164	
DS3: A dynamic and smart spectrum sensing technique for cognitive radio networks under denial of service attack <i>Muhammad Faisal Amjad Cliff zou baber aslam</i> <i>IEEE Global Communications Conference, GLOBECOM 2013 held from 9-13 December 2013 in Atlanta, United States</i> , res.country(233,)	2013
Citations: N/A DOI: 10.1109/GLOCOM.2013.6831229	
PMTR: Privacy-enhancing Multilayer Trajectory-based Routing Protocol for Vehicular ad hoc Networks <i>Muhammad Faisal Amjad Cliff zou baber aslam Muhammad Faisal Amjad Cliff zou baber aslam</i> <i>IEEE Military Communications Conference held from 18-20 Nov 2013 in USA</i> , res.country(233,)	2013
Citations: N/A DOI: 10.1109/MILCOM.2013.154	

- Reputation aware collaborative spectrum sensing for mobile cognitive radio networks** 2013
Muhammad Faisal Amjad Cliff C. Zou Baber Aslam
IEEE Military Communications Conference, res.country(233,)
Citations: N/A
DOI: 10.1109/MILCOM.2013.165
- Transparent cross-layer solutions for throughput boost in Cognitive Radio Networks** 2013
Muhammad Faisal Amjad Cliff zou baber aslam
10th Annual IEEE Consumer Communications and Networking Conference held from 11-14 Jan 2013 in USA, res.country(233,)
Citations: N/A
DOI: 10.1109/CCNC.2013.6488502
- Optimal Roadside Units Placement in Urban Areas for Vehicular Networks** 2012
Muhammad Faisal Amjad Cliff zou baber aslam
2012 IEEE Symposium on Computers and Communications (ISCC), res.country(224,)
Citations: N/A
DOI: 10.1109/ISCC.2012.6249333
- Performance Evaluation of IEEE 802.11 DCF in Comparison with IEEE 802.11e EDCA** 2009
Dr. Bilal Rauf Dr. Faisal Amjad Dr. Kabeer Ahmed
4th International Conference for Internet Technology and Secured Transactions held from 9-12 Nov 2009 in UK, res.country(231,)
Citations: N/A
DOI: 10.1109/ICITST.2009.5402597

Books

- Smarter World, Bigger Threats: Understanding the Internet of Things** 2020
Abdul B. Subhani Muhammad Faisal Amjad
Pages 1-146, Publisher: Abbott Press
Citations: N/A
DOI: <https://www.amazon.com/Smarter-World-Bigger-Threats-Understanding-ebook/dp/B084DLY48B>

Editorial Activities

The Journal of Supercomputing Reviewed Papers for Journals Impact Factor: 2.6	2024
Journal of Information Security and Applications Reviewed Papers for Journals Impact Factor: 4.96	2023
Security and Communication Networks Edited Journal Issue / Proceeding / Book Impact Factor: 1.98	2023
Journal of Information Security and Applications Reviewed Papers for Journals Impact Factor: 4.960	2022
 Edited Journal Issue / Proceeding / Book Impact Factor: 1.968	2022
 Reviewed Papers for Journals Impact Factor: 7.87	2022
 Reviewed Papers for Journals Impact Factor: 3.87	2022
 Reviewed Papers for Journals Impact Factor: 9.619	2022
 Reviewed Papers for Journals Impact Factor: 3.167	2022
 Reviewed Papers for Journals Impact Factor: 2.314	2022
 Reviewed Papers for Journals Impact Factor: 2.816	2021
 Reviewed Papers for Journals Impact Factor: 2.327	2021
 Edited Journal Issue / Proceeding / Book	2021
 Reviewed Papers for Journals	2020
 Reviewed Papers for Journals	2020
 Edited Journal Issue / Proceeding / Book Impact Factor: 1.376	2019
 Reviewed Papers for Journals	2019

Intellectual Property

Copyrights

Pasbaan	2022
Status: Licensed Granted Filed	
MOBIHAWK	2022
Status: Granted Filed	
WebGuard	2022
Status: Licensed Granted Filed	
SVPN - Secure Virtual Private Network	2022
Status: Granted Filed	
FEAST- Firmware Extraction and Security Assessment TOOL	2022
Status: Granted Filed	
Secure-Virtual Private Network (SVPN)	2022
Status: Licensed	
SPOT: Source Protect Obfuscator Tool	2022
Status: Licensed Granted Filed	
WEBSAT: Web Application Security Assessment Toolkit	2021
Status: Filed	
WOSCoT- Windows operating System Security Compliance Toolkit	2020
Status: Filed	

Patents

Industrial Designs

Trademarks