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| ds  A passionate person for computer science with the contribution offered in special network implementation projects, the contribution on cryptography with the creation of two unique cryptosystems through symbols and the symmetric cryptosystem "VAS" to provide information security, with the knowledge of cyber security and the challenges that we face in cyberspace, will remain my greatest commitment to research and work in order to create new systems that can raise the security levels by being a self-motivated person and cooperative with others to achieve those levels. Soft skills  * Research * Communication * Organization * Teamwork * Creativity * Work Ethic * Problem-solving * Decision-making * Stress management  Hard skills  * Penetration Testing * Security Tools * Windows * Administration of various operating systems * Cyber Security * Linux * Kali Linux * Java * C++ * Assembly Language * PHP * Cisco Packet Tracer * SQL * Computer Networks * Network Architecture * Network Vulnerabilities * JavaScript * CSS3 * HTML5 * Signals and Systems * Cryptography * S-Box * P-Box * RSA * AES * DES * Polyalphabetic Ciphers * Monoalphabetic Ciphers  Languages  * English   Advanced Proficiency   * German   Intermediate Proficiency   * Serbo-Croatian   Elementary Proficiency Conferences  * International Conference in Computer Science and Engineering (ICCSIS) 2020. Scientific Paper: “Usage of the Symbols and Dionis Square in the Cryptosystem of Dionis”   30/Oct/2020 – 31/Oct/2020  [*https://knowledgecenter.ubt-uni.net/conference/2020/all\_events/311/*](https://knowledgecenter.ubt-uni.net/conference/2020/all_events/311/) aWARDS  1. Certificate of Scholarship – University for Business and Technology   Feb/2021  *For success shown during the studies in academic year 2019/2020*   1. Certificate of Scholarship – University for Business and Technology   Feb/2022  *For success shown during the studies in academic year 2020/2021* INTERESTS  * Artificial Intelligence * Cyber Security * Crossword puzzles * Foreign languages * History * Travel * Reading * Attendance at Cyber Security events * Solving puzzles * Attendance at Cryptography conferences | |  | | --- | | **Dionis Shabani**27.11.1996sTUDENTSuharek,Kosovo |  Experience **Information Security and Data Protection Intern**  • ROITV GROUP LTD  Aug/2021 – Sep/2021     * Monitoring the security of the company's equipment * Penetration testing as a form of practice for finding security vulnerabilities * Monitoring network traffic through traffic analysis and sniffing tools * System administration for staff in the company, creating security policies by creating new rules for the use of resources and providing system security  Education • Elementary School “Vaso Pashë Shkodrani”  Sep/2002 – Jun/2011  **Natural** **Science**  • High School “Jeta Re” – Suharek,Kosovo  Sep/2011 – May/2014  **Computer Science and Engineering – Information Security**  • University for Business and Technology – Prizren,Kosovo  Oct/2019 – Present Personal projects  1. **Smart Railway Station**   Mar/2021 – Jun/2021   * Implementation of a Smart Railway Station by doing simulation through Cisco Packet Tracer * Implementation of a solar system in parking lots with a capacity of 271,875 kW * Implementation of all smart devices that include all sensors needed for efficient operation * Implementation of FTP, DHCP, DNS, Mail Server (SMTP, POP3), WEB Server, VLAN, VoIP, IoT, ASAS services by providing documentation of all configurations  1. **Usage of the symbols and Dionis Square in the Cryptosystem of Dionis**   Feb/2020 – Jul/2020   * Creating a unique derivative of the Masonic Cipher method * Creating a 16x16 magic square with special features inside it, used as a security layer for message encryption and decryption * Providing some special symbols and symbols that were not present in the Masonic method by offering different types of symbols for message encryption  1. **"VAS" Cryptosystem**   Sep/2020 – Nov/2021   * Creating the 32x32 magic square with special features inside it * Providing techniques for transforming rows, columns, key generation for 16 rounds, block encryption message method for all rounds * Creating a unique substitution box(S-box) known as D-Box to enable confusion using a new and different technique from Rijndael and Skipjack, as well as providing the inverse substitution box known as ID-Box  CERTIFICATES  1. **Summer School "Cyber Security & Privacy" - ICT Academy**   Aug/2020  *For participation in the CSP Summer School "Cyber Security & Privacy", held in the period 28-31 August 2020, Pristina*   1. **ICCSIS - International Conference in Computer Science and Engineering – UBT**   Oct/2020  *Attended and presented at International Conference on Computer Science and Communication Engineering*   1. **Introduction to Cybersecurity - Cisco Networking Academy**   Feb/2021  <https://www.credly.com/badges/9c901830-8f12-4efe-938d-4b05ebf3e20f/public_url>   1. **Introduction to Packet Tracer - Cisco Networking Academy**   Mar/2021  <https://www.credly.com/badges/790ce8b8-6a3f-48c7-a99a-c6e0baa3bc5a/public_url>   1. **NDG Linux Essentials - Cisco Networking Academy**   Mar/2021   1. **NDG Linux Unhatched - Cisco Networking Academy**   Jun/2021   1. **Cryptography 1 - Stanford University (Coursera)**   Jun/2021   1. **Cyber Security (Penetration Testing Course) – ROI Academy**   Jul/2021   1. **Network Security & Database Vulnerabilities – IBM (Coursera)**   Nov/2021  <https://www.credly.com/badges/c3b42ad9-3a6e-457d-9be1-5e902f4bcafe/public_url>   1. **Cybersecurity Essentials - Cisco Networking Academy**   Dec/2021  <https://www.credly.com/badges/a968fdf7-e642-4014-925a-4e827c366f77/public_url>   1. **Cyber Security Practitioner - ICT for Kosovo’s Growth (WEglobal)**   Feb/2022 |
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