Dennis Sarovski
Computer Security Graduate

Diligent cyber security graduate with an aptitude for securing systems and data. Seeking to deliver airtight information security with current and future technologies through automation, training, backups, firewalls, and physical controls.

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📍 Toronto, Canada

in linkedin.com/in/dennissarovski

SKILLS

Python Java MITRE Splunk Networking C/C++ PowerShell OWASP Active Directory Windows/Linux PHP Risk/Malware Analysis IDS/IPS Teamwork React.js Wireshark SQL Firebase Docker Fast Learner Automation Git Physics/Mathematics

LANGUAGES

English
Native or Bilingual Proficiency

Russian
Native or Bilingual Proficiency

INTERESTS

Skiing Photography Gardening Astronomy Rowing

EDUCATION

B.Sc., Spec. Hons. Computer Security
Lassonde School of Engineering, York University
09/2015 - 05/2021   *GPA (3.3/4.0)*

PROJECTS

Multi-Dimensional Fingerprinting (Android)
▫ Used LDA to analyze assembly/API code via DEX code to cluster families in maldozer malware dataset. ---- *Used Python, Gensim and Pandas.*

Encryption Algorithms
▫ Recreating cryptographic algorithms such as AES, RC4, and RSA. ---- *Used Python.*

Scapy – network scanner
▫ Used scapy framework to create a network scanner. Used to detect state of device, including ICMP, ports, SYN-Cookies, etc. ---- *Used Python and Scapy.*

Parking Java Application
▫ Used development concepts such as agile, etc., to create software parking software with design patterns in mind. ---- *Used Java, Swing and opencsv.*

Bookstore Website (Group project)
▫ Worked on front end using React Js. We used AWS and Swagger to host, create rest API and endpoints. ---- *Used Java, React.js, Swagger, AWS and DynamoDB.*

Hydrophonics System
▫ Used RPi and Arduino to monitor temperature, pH, and conductivity to create a semi self-sustaining indoor gardening system. ---- *Used Python, C and knowledge of circuits.*

EXTRACURRICULARS

Pass Leader
York University
Acted as a bridge between the teacher and students by offering leadership, guidance, tutoring services and providing insight and help when needed.

Volunteer Student Dev
York University
Gained experience with React.js, Google Firebase, android studio, C#, php and unity.

EXPERIENCE/RELEVANT COURSES

Applied Cryptography
Symmetric/Asymmetric, Hash Functions, Digital Signatures, Key Management and Distribution.

Computer Security Laboratory
IDS/IPS, Security Policy, Vulnerabilities, Trusted Computing, System Hardening.

Network Security and Forensics
IPv4/IPv6, TCP/UDP, ICMP, ARP, Firewalls, VPNs, IPsec, Digital Certificates.

Building E-Commerce Systems
FullStack, Java, Agile, DBMS, Servlets, MVC, SQL.

Software Design
Design Patterns, Test Cases, Design Principles, Design by Contract, Testing Management, UML.

CERTIFICATES

CompTIA Security+
Currently working toward finishing this certificate by mid-June.