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COMPUTER SCIENCE GRADUATE

Highly Motivated Computer Science graduate with a distinguished academic record (GPA of 90) and a passion for achievement. Commenced B.Sc. studies at age 15 and has since developed advanced skills in object-oriented programming and design, data structures, algorithms, and problem-solving. Proficient in server-client technologies and languages, with a proven track record of developing successful products in the cybersecurity and SaaS sectors. Skilled in machine learning and familiar with big data technologies and software architecture, Fluent in English, and Hebrew. Seeking a challenging and rewarding opportunity where can utilize my unique qualifications and experience to make a significant contribution.

QUALIFICATIONS

- **Software Development Methods**: Extreme Programming, SCRUM, Agile, DevOps, and Waterfall.
- **Programming languages**: Java, Python, C, JavaScript, Go, C++, C#
- **Web Development frameworks:** ASP.NET, Java EE, Spring Boot, React, Vue.JS, AngularJS, TypeScript.
- **Web Development technologies:** HTML, CSS, SCSS, JavaScript, jQuery, Flask, Apache Tomcat, Web API Core, NodeJS.
- **Object technologies**: Design Patterns, UML/OCL, and Object-Oriented program language components.
- **Databases**: MySQL, MSSQL, PostgreSQL, MongoDB, Neo4j, derby Apache.
- **Networking Protocols**: HTTP, HTTPS. TCP/IP, SMTP, IMAP, SMP, POP.
- **Networking Technologies**: LAN, DNS, wireless, routers, UDP, DHCP, ARP, L2-L3, Cryptography.
- **Network Analysis Tools**: Wireshark, NetFlow, and Packet Capture.
- **Web Security**: Firewall, proxy, CTF, DAC, IDS, malware traffic/analysis, Burp, SSL, SSO, VPN, TOR, PGP, 2FA.
- **Data Analysis techniques**: Linear/logistic Regression, KNN, SVM, PCA, K-means clustering, RNN, CNN, Naïve Bayes, NLP.
- **ML Frameworks**: TensorFlow, Keras, Scikit-learn, PyTorch.
- **Computer Vision Libraries**: OpenCV, Pillow.
- **Big Data technologies**: Hadoop, Apache Spark, Elasticsearch, Talend, Cassandra, Distributed Systems.
- **Cloud Computing**: AWS, GCP, and Azure
- **Source Control**: Git, SVN, and TFS.
- **Operation Systems**: Linux, Windows.
- **Other**: Maven, JUnit, Ant, Selenium, Gradle, Docker.

ACADEMIC PROJECTS

- **Email Content Disarm and Reconstruction (Final Project, The grade is 96)**
  - Content Disarm and Reconstruction (CDR) is a type of security software that disarms any content that may be used by an adversary as an attack vector.
  - Used in the section on the implementation of the CDR Machine learning models.
  - This is Email App that uses the CDR as SaaS, to make email secure, the CDR removes all content that may be dangerous (Macros, untrusted links, Embedded malicious code, etc.)
  - Tech stack: Python, JavaScript, NodeJS, ReactJS, MongoDB, AWS, Proxy, SMTP, IMAP, NLP, Flask, Docker, Deep Learning, Image Processing, VSC, Git.

- **Phishing Bot**
  - A Bot that traverses through PDF files according to keyword
  - Clones the sites that are present in the PDF files and replaces the hyperlinks with the phishing links.
  - Find emails of people that are interested in these PDF files.
  - Build an email message using NLP, and send it with the phishing PDF file, to the email that finds.
  - Tech stack: Python, Java, Spring Boot, Flask, GCP, NLP, JavaScript, NodeJS, SMTP, Scrapy, VSC, Git.

EDUCATION

B.Sc. in Computer Science and Math *2018. - 2022.*

Started at age fifteen, at Netanya College, and Graduate at age nineteen with a GPA of 90.

Technical Courses: Algorithms – 100 | .NET – 100 | OOP – 91 | Data Structures – 90 | Cyber - 93 | Web Development – 100.

PERSONAL SKILLS

Responsible, Commitment, Fast learner, adaptive person, collaborator, independent, and team player.