

Nikita Sonkin

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Education

- **Bachelor's Degree (B.A.) in Management Information Systems**
- **John Brice Data analyst course**

Portfolio

- **Cyber News Bot: Automated Cybersecurity News Aggregation (2025)** [CyberNewsBot](#):

Developed a modular Python system (Pandas, SQL, NLP-BART) for automated cybersecurity news extraction, deduplication (SHA-256 hashing), and AI-driven summarization optimized for GPU/CPU. Leveraged newspaper3k for content scraping and preprocessing. Managed datasets (JSON persistence), enabling robust trend analysis. Automated reliable distribution via Telegram (HTML) and Microsoft Teams (Adaptive Cards) with intelligent error handling. Currently performing advanced data analysis (ETL, SQL, DBSCAN clustering, NLP embedding with SentenceTransformer) to detect cybersecurity trends, visualizing actionable insights via dynamic dashboards (BI), enhancing decision-making and strategic planning

Experience

Internship- Deutsche Telekom (Ramat Gan) -2025

- Developed comprehensive user manuals for an advanced AI and ML-based system, enhancing usability and efficiency for end users.
- Authored cybersecurity white papers on emerging threats, contributing to corporate security strategies.
- Collaborated cross-functionally with cybersecurity and product management teams to deliver high-impact technical communications and strategic insights.

CRM Systems Specification and Implementation – REWIRE (2023 -2024)

- Analyzing and specifying flowcharts, integration with customer systems using automation tools. Building and defining CRM systems using built-in tools.

IT Specialist - Teva (Tel Aviv) (2022 – 2023)

- Daily management and technical support for the organization's employees, handling complex real-time technical issues. Leading a domain migration project, including managing users and permissions in Active Directory.
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Combat Soldier - Rifleman 07, Paratroopers Brigade (2017 – 2020) - Full service as a combat soldier, with the rank of Staff Sergeant.

Technological Skills

- **Languages & Frameworks**: Python-(Pandas, NumPy, Matplotlib, Seaborn, Plotly, scikit-learn), SQL-(High Level Queries and DB manipulation techniques) , JavaScript, Java.
- **AI & NLP**: LangChain, Vector Databases (Pinecone), **Prompt Engineering**: Zero-shot, One-shot, Few-shot techniques, OpenAI API, Hugging Face Models Integration.
- **Tools & Platforms**: GitHub, Power BI, Excel, VSCode.
- **Languages**: **Hebrew** (Native), **English** (Fluent - Professional Proficiency), **Russian** (Native)