Nicole Davidov

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Computer Science B.Sc. student with hands-on experience in software development, deployment, and team collaboration. Fast learner, passionate about clean code and scalable solutions. Seeking a full-stack position to grow and contribute in a dynamic environment.

EDUCATION

B.Sc. Computer Science   2023 – 2025
Final-year student | HIT – Holon Institute of Technology | GPA: 90

PROJECTS

Profit Analyzer – Java Client/Server Project 🔗
Built a layered financial analysis system using JavaFX, TCP, and algorithmic modules (Kadane, Prefix Sum). Developed a multi-threaded server and modular JAR. Used JSON communication and design patterns (Strategy, Factory).

Cost Manager – Full-Stack Expense Tracker
Developed a complete personal expense tracker.
- Frontend: React, Material-UI, Chart.js, IndexedDB 🔗
- Backend: Node.js, Express, MongoDB Atlas Implemented dashboards, filters, CRUD, and error handling with a RESTful API. 🔗

Study Buddy – AI Academic Assistant (Internal AWS Hackathon) 🔗
Built a React-based chatbot prototype for academic support as part of an internal AWS hackathon. Simulated AWS services (Bedrock, Lambda, S3) to analyze student performance and deliver personalized assistance.

WORK EXPERIENCE

Technical Support Representative – Rimon Internet   2025 – Present
Provide tier-1 technical support for network and internet issues. Troubleshoot router and software setups via phone and remote tools while ensuring top-tier customer service.

SKILLS

- **Programming Languages:** Python, Java, C++, C, JavaScript, SQL
- **Frontend:** React, HTML, CSS, Tailwind, Material-UI, Chart.js, JavaFX
- **Backend:** Node.js, Express.js, MongoDB, Java (TCP, Threads)
- **Data:** Pandas, NumPy, EDA, Matplotlib, Visualization
- **Tools:** Git, JUnit, IndexedDB
- **Architecture:** OOP, MVC, Design Patterns (Factory, Strategy), Software Engineering Principles, Class Diagrams (UML)

ARMY SERVICE

Observer on the Northern Border   2019 – 2021
Operated advanced surveillance systems (radar, video, command software). Managed real-time threat detection and trained new observers during high-pressure scenarios.

VOLUNTEERING

Israeli Connection Scholarship Program   2025 – 2025
Tutored students in Algorithms, Algebra, and Data Science using tailored learning strategies.

Lazarus Community Center – Holon   2023 – 2023
Provided math tutoring to 20+ students from various levels as part of a scholarship program.