

# Ofir Cohen

B.Sc. in Computer Science | 8200 Alumni | Aspiring Data Professional

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## SUMMARY

Highly motivated Computer Science B.Sc. graduate with rich background in Unit 8200, combining strong hands-on experience in data analysis and programming using Python, JavaScript, Linux, SQL, MongoDB and LLMs which leads to deep understanding of data and programming workflows. Looking to leverage this professional foundation into impactful roles in data analysis, infrastructure, and technology-driven environments.

## EXPERIENCE

- Prime Minister's Office**  
2023 - Present

  - Operate advanced intelligence systems and perform daily data analysis and data mining in a sensitive operational environment.
  - Apply technical and analytical expertise to support critical political-security objectives.
- Accounting Assistant - Na'amat Ayanot Youth Village**  
2022 - 2023

  - Managed supplier accounts and financial documentation.
  - Utilized financial softwares and accounting systems to optimize supplier relationships.
- Data Analysis Team Leader and Product Manager - Unit 8200**  
2018 - 2022

  - Led specialized intelligence team of data analysts, managing operational shifts.
  - Production and analysis of intelligence data that was frequently delivered to senior decision-making levels.
  - oversaw the implementation of tailored operational systems and processes of data analysis and data mining designed to function effectively under emergency and wartime scenarios.
  - Created and implemented comprehensive training programs for new team members, ensuring operational continuity.
  - Developed unique intelligence products also by LLMs which optimizing both intelligence production and data mining workflows.
- Project Coordinator - Kapayim**  
2018

  - Planning and execution of marketing campaigns for leading Israeli brands.

## MILITARY SERVICE

### IDF, Intelligence Corps

- 2021–2022:** Product Manager, Career Service
- 2020–2021:** Data Analysis Team Leader, Mandatory Service
- 2018–2020:** Data Analyst, Mandatory Service

## PROJECTS EXPERIENCE

- Economic Growth Forecasting Tool Using Advanced Deep Learning Architectures**

Built a comprehensive forecasting tool for GDP prediction using state-of-the-art deep learning models including Transformer, TCN, and WaveNet. Implemented attention-based and CNN architectures with PyTorch and TensorFlow for actionable economic predictions.
- Enterprise Cybersecurity Management System with Advanced Security Implementation**

Built a secure ISP management system implementing enterprise-grade security measures including XSS protection, SQL injection prevention. Developed with FastAPI, Flask, MySQL, and Docker for comprehensive cybersecurity demonstration.
- Web-Based PDF Merger Application**

Built a secure web application for merging multiple PDF files with drag-and-drop functionality and mobile-responsive design. Developed using Flask, PyPDF2, and vanilla JavaScript with session-based security and deployed on Render for public accessibility.
- Full-Stack Fitness Tracking Platform with AI Integration**

Built a comprehensive fitness application with SQLite database management, and integrated Mistral AI chatbot for personalized guidance. Developed using FastAPI backend, React frontend, and Docker microservices architecture.
- SKILLS**

**Technical skills:**

  - Python • JavaScript • SQL • Linux • MongoDB • Docker • C/C++ • Data Analysis • Product Development • AWS Cloud • Microsoft Office

**Soft Skills:**

  - Team Leadership • Project Management • Decision-Making • Working under pressure • Arabic Cultural Knowledge
- EDUCATION**

**2022–2025: B.Sc. in Computer Science(GPA: 89)**

HIT, Israel

**Jan 2025: AWS Cloud Foundations**

Professional Certification

**Feb 2019: Graduation with honors from a six-month Intelligence & Cyber Training course**

Military Professional Certification

**2015–2018: High School Diploma**

  - 5-unit Math & English
  - Certified Fitness Trainer

**LANGUAGES**

Hebrew (Native)

English (Advanced)

Arabic (Excellent)

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