


# Shoham Liebermann

Computer Science Graduate

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 [Shoham LinkedIn](#)

**Motivated Computer Science graduate** from the Open University, with a solid foundation in **algorithms**, **databases**, and **software engineering principles**. **Passionate** about computer science, **problem solving**, and developing efficient, data-driven solutions. A team player with strong analytical, communication, and technical abilities. **Highly driven to keep learning and innovate.**

## Education

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B.Sc. in Computer Science -  
The Open University of Israel  
(2021–2025)

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### Key Courses

- Data Structures: 86
- Algorithms: 91
- Systems Programming Lab: 82

### Skills

Python, Java, C, SQL,  
Assembly, Pandas, NumPy,  
Scikit-learn, TensorFlow,  
Keras, Git, Jupyter, VSCode,  
Google Colab, Linux,  
VMware (virtualized  
environments), OpenGL,  
Machine Learning, Data  
Analysis, Computer Vision,  
Statistical Modeling

### Academic Projects

- Artificial Intelligence Seminar (Grade: 94)  
Collaborated in a team-based seminar on advanced machine learning methods, neural networks, and AI ethics, including research review and technical presentations
- Data Science Workshop (Grade: 96) - Built end-to-end data science projects including EDA, feature engineering, supervised/unsupervised learning, deep learning, and model evaluation on real-world datasets

### Community Contribution

Bone Marrow Donor  
(twice)

### Personal Projects

Spinal Cobb Angle Regression (Deep Learning): Developed a deep learning regression pipeline to predict spinal Cobb angles (PT, MT, TL) from X-ray images, including preprocessing, training, validation, and model evaluation  
GitHub: [spinal\\_cobb\\_proj](#)

### Languages

**Hebrew** - Native  
**English** - Fluent

### Military Service

Completed full army service in ‘Gadsar Golani’ and continue to serve in active reserve duty in Sayeret Carmeli.

### Honors & Awards:

- Excellence Award - Combat Training Course (2016)
- Excellence Award - Golani Brigade (2017)