

Tova Davis – Software Engineer

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Enthusiastic developer with a strong technical foundation and positive "can do" attitude. Quick learner who adapts well to new technologies. Excellent communication and problem-solving skills. Motivated, independent, and detail oriented. Collaborative team player committed to delivering innovative, high-quality solutions.

Work Experience:

- **Student Teacher | 2022-present**
Tutored student groups in various programming courses (Java, Operating system) on behalf of the Open University.
- **Private Teacher | 2020-2022**
Tutored high school students in English and Math in preparation for the Bagrut exams.

Technology Projects:

- 🔗 **Public Auction Website**
 - ✓ Developed a public auction website using **Java** and the **Spring framework**, with a user-friendly React interface. The robust, scalable system effectively handles duplicates. Demonstrated strong **problem-solving**, attention to detail, and effective communication throughout the project.
- 🔗 **Secure Client-Server Messaging Service**
 - ✓ Developed a secure client-server messaging service using **Python**, based on the **Kerberos** protocol. The project includes a **KDC** server and places strong emphasis on compliance with security rules. Final project for the **Online Security** course, grade 100.
- 🔗 **Assembler**
 - ✓ Developed a system that encodes assembly code into machine language. Robust and scalable system, developed in **C** over **Linux** OS. final project for the System Programming course, grade 96.
- 🔗 **Java Desktop Applications**
 - ✓ Developed a calculator, Trivia and Hangman games, using **Java** and **JavaFX**.

Education:

2021 – 2024 | B.Sc. in Computer Science at The Open University of Israel

- Dean's list 2021, GPA: 87.

2017 – 2021 | High School "Machon Habracha". Full Bagrut certificate 5 units of study in English and mathematics.

Professional skills:

Programming languages: **Java, C, Python, C++, HTML, SQL.**
Operating System: **Windows, Linux (Ubuntu).**
Control: **Git, GitHub**

Languages:

Hebrew – mother tongue.
English – high level.