Daniel Uralsky

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Education

2019 – 2023	**BSc in Software Engineering,** *Braude College of Engineering*	Karmiel
2024 – 2024	**Full-stack web development,** *Code It Simple*	

Projects

CEMS - Comprehensive Exams Managing System ⧉
This system utilizes **Java**, **JavaFX**, and an **SQL** database to enable teachers to create live exams for students. Students can access these exams online and view their grades and progress. Additionally, statistical information is generated to allow principals and administrators to monitor student performance.

PokéDB ⧉
PokeDB is a web app that lets users search for Pokémon information. It uses an unofficial Pokémon API and is built with **Python**, **Flask**, **HTML**, **CSS**, and **Bootstrap**.
https://pokedb-5w7n.onrender.com ⧉

Encryption/Decryption of sound files using FROG cipher ⧉
This program provides a secure encryption/decryption system for audio files using the FROG cipher written in **Java** using **CBC mode** with a **Schnorr signature** and **ECDH key exchange**. It also implements two-factor authentication by using **OTP** and **Captcha**.

Crybaby ⧉
Crybaby is a web app that classifies newborn cries into categories (Tiredness, Hunger, Discomfort) using machine learning techniques. It leverages technologies like **HTML**,**CSS** and **JS** for the client side and **Flask**, **Python (TensorFlow)** and **MongoDB** for the server side.

Web Store ⧉
Dynamic and intuitive web store application utilizing the MERN stack (MongoDB, Express.js, React.js, Node.js).

WorkSwipe ⧉
A web app similar to a dating platform, enabling job seekers to find their next job and employers to discover perfect matches through swiping. Built with MongoDB, React, HTML, CSS, and Node.js for a smooth user experience and strong functionality.

Skills

`C` `Java & JavaFX` `Assembly` `SQL` `Python`

`Python Machine Learning (TensorFlow)` `Python Web Development (Flask)`

`JavaScript` `HTML` `CSS` `React` `MongoDB` `Node.js` `Express.js`

Languages

English	Hebrew
Russian	

Personal Skills

Responsible	Quick learner
Open minded	Diligent
Team worker	