

Ofer Montano - Software Developer

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- ❖ Background as a competitive swimmer with high time management skills, self-disciplined, aiming high and setting challenging goals.
- ❖ Auto deduct with high logical thinking and creative in solving complex problems.
- ❖ Enjoys a challenge and aims to learn something new, to grow and develop.

EDUCATION

- 2017 – 2021: **BSc Computer Engineering**, Ruppin Academic Center.
Average: 89.44
Dean's List in 2nd year, graduate with honors.
Experience with a wide range of projects, which can be seen on [GitHub](https://github.com).
Final research project in the field of Deep Learning and XAI mentoring by [Prof. Gabbay Freddy](#).
Perach scholarship as TA for high school Mathematics, Physics, and Computes.
- 2009 – 2015: **Maayan Shachar High School, Full matriculation.**
5 units in English, Mathematics, Physics, and Computer Science.

SKILLS

HTML, CSS, JavaScript, Bootstrap, jQuery, Sublime Text, VS Code, Git, Github, NPM, React + Hooks, Redux, HTTP, JSON, AJAX, API, Tachyons, Node.js, Express.js, body-parser, CORS, nodemon, Postman, RESTful API, Bcrypt, SQL, MSSQL, PostgreSQL, Knex.js, Heroku, SSH, Webpack, Babel, ESLint, Parcel, Performance Optimizations, Progressive Web Apps, Jest, Enzyme, TypeScript, CSR & SSR, Next.js, Security Optimizations, Helmet, Docker, Redis, Sessions, JWT, Reactstrap, AWS Lambda, Serverless, Caching, Nginx, Loadtest, CI/CD, Prettier, CircleCI, Python, PyCharm, Jupyter Notebooks, NumPy, Pandas, Keras API, C#, ADO.NET, LINQ, Entity Framework, ASP.NET Web Api, DTO, C++, Visual Studio, Design Patterns, OOP, Azure DevOps.

PROJECTS EXPERIENCE

- Covid-19-DL&XAI:** A research project aimed to examine the capabilities of deep neural networks and their effect in the field of medicine. We developed a deep learning model in order to predict the severity of one's Coronavirus infection. In addition, we performed an XAI analysis and developed an app to implement the model.
The results of the study have been [published](#) in the scientific journal MDPI.
Main technologies: Python, Keras, Lime, Kivy.
- RPS:** A multi-participant board online game for Android.
Main technologies: Unity (C#), ASP.NET, EF, Web API, SQL, Azure DevOps Cloud.
- Snake:** The known and loved "Snake" game with a few enjoyable changes.
Main technologies: Html, CSS, JS.
- BackgammonAI:** A game of backgammon that includes the option of playing against an AI with varying levels of difficulty.
Main technologies: Python.

MILITARY SERVICE

- 2016 – 2017: **Combat Engineering Fighter**
Early release due to medical reasons. Exempt from reserve duty.

LANGUAGES & NATIONALITIES

Hebrew – Mother tongue | **English** – Proficient | **Swiss and Israeli nationalities**