

# Shimon Shai Idan

**in** [Shai Idan](#) | **✉** [shaiidan@hotmail.com](mailto:shaiidan@hotmail.com) | **☎** 050-7251234 | **🏠** Ahisamach

## Education

**2017 - 2021: B.Sc. Software engineering**, "Sami Shamoon" College of Engineering, Ashdod.  
**GPA: 90.**

**Main courses:** Java, C, C++, SQL, JavaScript, Node.js, Python, Object-Oriented programming (OOP), Design pattern, software languages principles, algorithms, operating system (Linux environment), data structure, System Analysis and Requirement Engineering, Project Management (Agile) and develop android application.

**Final project:** Developed a blockchain-based system, which will contain all personal medical information and allows people to control who will access their medical information. Instead of each medical institute, which will have its own medical information on each patient, the system will centralize all information in one place and reduce a great amount of paperwork (such as prescriptions and medical referrals). That way, every time that a service provider will add new medical information in the internal HMO system, the information will be added to the patient's private chain, and he will be able give permission to other service providers to access his private chain that holds his medical information.

We used Ethereum EVM, ganache to test the network, and "Metamask" to create digital account to our network.

As part of the project, we conducted a big research, and we even submit and present the paper in the - 5th International Symposium on Cyber Security Cryptology and Machine Learning (CSCML 2021) at Ben-Gurion University to PhD track and got a lot of interest and compliment.

**The project was chosen for an excellent project.**

**Additional Projects:** Real-estate rental and management website - as part of Project Management course, we have built a real-estate rental and management website. The project was managed and executed with a SCRUM methodology. As part of this project, I have worked with designated tools and technologies: Node JS, CircleCI, JavaScript, Clubhouse, Jira, and Azure DB.

## Experience

**2020 - Present:** Research Assistant at Sami Shamoon College of Engineering, Ashdod.

## Employment

**2018 – Present:** Ben Gurion Airport - manager and work organizer

The job includes making purchases, checking the condition of the vehicles, personnel and arranging work. Ongoing work with suppliers and providing a solution for the unit's employees.

- As part of the work, I wrote a short program using VBA in Excel to facilitate the preparation of the monthly work arrangement.

 **Languages:** Hebrew – Native | English: Good.