**Shoham Yosef Bitton**

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**Professional Summary:**

Enthusiastic and driven computer science student with a strong foundation in programming and cyber security. Proven ability to teach complex concepts, develop software projects, and effectively collaborate in team settings. Seeking to leverage skills and experience in a challenging tech role.

**Experience:**

**Code Teaching Assistant | Magshimim  
2023 - 2024**

* Taught students cyber security and C programming, emphasizing conceptual understanding and practical applications.
* Improved student performance and engagement, leading to a high pass rate in final assessments.

**Tech Summer Camp Guide  
2021 - 2022**

* Educated young students in Physics, Math through interactive and engaging lessons.
* Created a supportive learning environment that fostered curiosity and participation.
* Successfully guided over 30 students, enhancing their knowledge in STEM fields.

**Projects:**

**Developed a TOR network replica**Python, SQLite, Docker

* Developed a TOR network replica, focusing on client-server architecture.
* Implemented encryption using public and private keys for secure communication.
* Containerized the application using Docker, enhancing deployment and scalability.

**Trivia Game**C++, C#, WPF, SQLite

* Designed a desktop trivia game allowing players to test their knowledge against others.
* Built a server-side program in C++ to handle multiple clients/players.
* Created an intuitive GUI and client application using WPF and C#.

**Education:**

**Hrav Tchumi Zefat***2018 - 2024*

* 5 units in Math, English, and Physics & 10 units in Computer Science.

**Magshimim and Magshimim Plus***2020 - 2024*

* Participated in a program that teaches advanced programming, cyber security skills
* Completed numerous projects and gained hands-on experience in various technologies.

**Technologies and Languages:**

* **Programming Languages:** Python, C, C++, C#, SQL, JavaScript, HTML, CSS, ASMx8086
* **Technologies:** Git, Docker, Unix, Flask, SQLite

**Awards:**

* Predictive Excellence Gratitude for Volunteering

**RTL:**

* Member of the Municipal Youth Council - 2020 to 2024
* Bnei Akiva - 2021 to 2024
* Shagririm / Young Ambassadors - 2022 to 2024