**Segev Haviv**

 Address: Holon,Israel  Phone: 0527363711 Email: [segevhaviv@gmail.com](mailto:segevhaviv@gmail.com)  [LinkedIn](linkedin.com/in/segev-haviv-a8429912a/) [GitHub](github.com/segevhaviv)

**EDUCATION**

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|  | **2016 – 2018, B.Sc. in Computer Science**  The College of Management Academic Studies. Graduated at August 2018. GPA: 82  **Competed in ColmanHack - 2017.**  My four teammates and I created a website which allows you to pick four pictures and using a unique algorithm we've developed can determine which destination is recommended for your vacation. Used .NET framework and Java. [Link](https://github.com/SegevHaviv/MyTravel-Website)  ***Projects***  **Image Processing Project – 2018**  Machine Learning project using Python – TensorFlow and Keras, using convolutional neural network we developed an algorithm which by inputting a black and white picture can paint it colorfully. [Link](https://github.com/SegevHaviv/ImageProccessingProject)  **Android Project - 2018**  Developed a motion detection program which by detects hands movements and according to that controls the smart-phone / TV functions. Currently running the program on Raspberry Pi. [Link](https://github.com/SegevHaviv/Motion-Detection)  **Sokoban game - 2017**  Sokoban game in Client-Server architecture over TCP/IP protocol. Creates and solves the level using search algorithms and Strips planning algorithm, implemented in MVC using event-driven programming. Used Java language, Hibernate, mySQL database, Maven, OOP principals and design patterns. [Link](https://github.com/SegevHaviv/Sokoban-Game)  **Databases Course - 2017**  Was educated in managing databases and dealing large databases properly, Relational Algebra, Functional Dependencies and mySQL database. By this knowledge designed and implemented and maintained a mySQL database for the Sokoban game mentioned above.  **2006 – 2008** As a teenager, took an online course for beginner developers and afterwards programmed scripts for online games using multiple programming languages and sold the scripts on online forums to other users.  **EXPERIENCE**   |  | | --- | | **2018- Current, Content Developer & Tutor at CTM-ED**  Developing the contents of the courses which the students will learn, mainly developing the programming fields, also, lecturing at CTM-ED which is a program for teenagers with high abilities. | |

**MILITARY SERVICE**

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| **2012 – 2015, Commander of a Sniper Link.** Israel Defense Force.  Was honored “Excellent Soilder” two times during my service. |

**PROFESSIONAL EXPERIENCE**

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| **Languages**: JAVA (J2EE, J2SE), C++, C, Python, C#. | **Web**: HTML5, CSS3, JavaScript. | **OS**: Windows, Linux. Also,Proficient in OOP, Design Patterns, Hibernate and Android SDK. |

**LANGUAGES**

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| **Hebrew – First Language**  **English – Fluent** |