**Yigal Ornes** [](https://il.linkedin.com/in/ornes-yigal-profile) [](https://github.com/YigalOrn/Afeka)

054-55-92340 **|** Rishon LeZion, Israel **|** [YigalOrn@gmail.com](mailto:YigalOrn@gmail.com)

**OBJECTIVE:**

Software Engineering position, Full time job

Where you will be getting a curious and open minded person, who’s a team player, dedicated to the mission on hand, eager to provide good and creative solutions and with passion to technology and science

**EDUCATION:**

2013 - Today Tel Aviv Academic College of Engineering - AFEKA

B.Sc. In Software Engineering (GPA 90.74)

Last year

**PROGRAMMING LANGUAGES:**

* Java, C++
* Python/Django, Perl, Bash
* C (MPI, OpenMP, CUDA, PIC32, Bison, Flex), Assembly MIPS
* Matlab (DSP, ML, Octave), Prolog, SQL

**OS & APPLICATIONS / TOOLS:**

* Linux Ubuntu (shell, apt, LAMP), Windows
* Visual Studio, Eclipse, IntelliJ, PyCharm, Wireshark, VMWare, SWI-Prolog
* MPI cluster (Ubuntu, windows), Java frameworks, C/C++ external libs, Xampp/Wamp
* Software design activities, StarUML

**ACADEMIC PROJECTS** *(click the GitHub Icon at the title for more details and Grades)*

* Project in Advanced Java topics: Thread, Annotation, Reflection, JPA/ORM, Spring, Logger, Socket, web
* Multiple projects in distributed and parallel computing
* Project in Software Design, writing a full specification document (Requirements elicitation, Diagrams construction and refinement, and more) along with Implementation in code using Java with emphasis on effective architecture, DAO/ORM resolution and choice of technologies to use.
* Machine Learning assignments and Seminar: part1: k-means intro and PNG images compression using k-means, Part2: neural networks intro and spam detection using ANN (UCI data set, normalization , PCA, low level ANN implementation, graphical outputs: train and test, CM, predications plots)
* Multiple assignments in Python/Prolog, Django project: web based whatsapp style app
* Project in Perl and Bash: creating a Linux shell based Encryption suit, writing from scratch 3DES and RSA

**MILITARY SERVICE:**

2005-2008 Full service with honor, non-commissioned officer in Mazi

**LANGUAGE SKILLS:**

Trilingual Hebrew (native) / English (professional proficiency) / Russian