

# Eyal Alon

eyalalon171@gmail.com – +972-52-624-5111  
27 Ein Gedi St., Hadera, 38328, Israel

---

## SUMMARY

Highly self motivated, adaptable and determined individual, sociable personality, strong interpersonal skills, multi cultural experience, and a drive to learn and succeed. Seeking a challenging position where I can contribute by utilizing my programming and engineering skills, as well as get exposed to new challenges.

## WORK EXPERIENCE

- **Alango Technologies, Application Engineer** **2018**

Alango technologies and solutions provide excellent performance for a variety of voice applications and products. As an application engineer I was responsible for benchmarking, integration, QA and customer support of the real-time software DSP package designed for improving speech recognition performance in voice-controlled multimedia devices.

- **One7T1, Hardware and Software Engineer** **2016-2017**

Development of a multimedia musical-visual instrument with built-in interactive lighting system. Lead the specification efforts, design and debug of the complete product. Demo video can be found at: <https://youtu.be/904Pp1q3OKI>

- **Course Instructor, Wedea, COLMAN** **2016-2017**

Music Technology course instructor at College of Management in Rishon Leziyon, specializing in embedded systems. Link to description can be found at: <https://www.colman.ac.il/MusicTech>

## EDUCATION

- **Experis Kickstart** **2017-2018**

6-month intensive programming course including: C, C++, data structures and algorithms, low level, multi-threading, multi-cores, synchronization for real-time/embedded systems, operating systems, inter-process communication, networking, TCP/IP, OOD, STL, generic programming.

- **MSc in Electronic Engineering, University of York, England** **2014-2016**

Thesis title: "Analysis and Synthesis of the Handpan Sound". Lab instructor in the Electronics Department for the following modules: Acoustics and psychoacoustics, audio computing and core skills, interfaces for audio interaction, recording studio techniques, electronic musical interfacing, audio iOS programming.

- **BEng in Electronic Engineering, University of York, England** **2009-2013**

Graduated with honors. Final project involved development of the electronic handpan, using piezoelectric, capacitive sensors and an Arduino development board.

- **Summer Research Student, SIPL, Technion** **Summer 2011**

Produced a MATLAB implementation of musical pitch prediction from component frequency ratios.

## LANGUAGES

Hebrew (Native) and English (Native).

## MILITARY

National service in the IDF as a sergeant in the artillery corps.

## PUBLICATION

"Analysis and Resynthesis of the Handpan Sound", Sound and Music Computing Conference (SMC-2015), 30/07/2015, Maynooth, Ireland