

Eyal Alon

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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

- **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>

- **Lab Instructor, Electronics, University of York, England** **2014-2015**

Acoustics and psychoacoustics, audio computing and core skills, interfaces for audio interaction, recording studio techniques, electronic musical interfacing, audio iOS programming.

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"

- **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**

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

LANGUAGES

Hebrew and English.

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