

Eyal Weisz's CV

Personal Details

ID: 021564901 **Name:** Eyal Weisz **Date of birth:** 24.06.1985 **Born in:** Israel
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Awards

2016 **Extraction Of The Human Body and Overall Winner - Music Tech Fest, Berlin**
2015 **First Place - Excellence projects contest of the Israel Chamber Information Systems Analysts**
2013 **Excellent Perach Counselor**

Experience

2016-Present **Eyal Weisz Music & Technology** - developing musical worlds including: music compositions, interactive electronic musical instruments, interactive multidisciplinary technological art installations, digital music experiences, presenting, lecturing and performing in varied venues and more. **Won the Music Tech Fest Berlin 2016 with my Electronic Jungle Crew.**

2016 **Wearable Electronics and Electronic Music Workshops Leader**, Big Idea (summer camp) – my role included: workshops development, mentoring counselors, teaching wearables electronics using Tacuino development board, teaching electronic music using Ableton Live, making sure my students have the best summer of their lives while learning, creating, empowering and developing. In addition, took part directing and participating in camp's shows.

2015 **Senior Developer of a New Social Network**, infibond – Designed architecture, database and developed infibond's social network next evolution. Was in charge of developing infibond's new server version from scratch and served as a pioneer who set the ground before the team.

The development was done on linux machine, using NodeJS and Cassandra. Including: architecture design, DB design, documentation, team instruction, building a HTTPS server, data and queries layers which talk to the DB, APIs examples to create a full logic path between the client, server and the database, worked with external APIs, created a testing environment.

2015 **Server Side Developer of a New Social Music Creation Network**, Parola – developed solutions and APIs which suit the client side's needs, helped redesigning the server side's architecture and DB, developed efficient queries, analyzed the DB's performance and developed

integration tests to make sure the system works the right way.

Development: Java (J2EE) & Cypher. Using: Spring, Rest API, JSON, Eclipse & GIT. DBs: Neo4j (mainly), MongoDB, Redis & PostgreSQL. Tests: CoffeeScript (using Emacs), Mocha, Chi,Hamcrest & Postman. In addition experienced with variety of other technologies.

2014-2015 **Full Stack Developer**, AdExtent – developed solutions for the retargeting market. Including: server side development using C#, code integration, client side development using: AngularJS, JavaScript, JQuery, Bootstrap, Less, CSS & HTML 5, Wordpress , JSON, XML, SQL, Amazon S3, Redshift, Firebase, GIT and Sentry Raven.

2013-2014 **Java Developer & Security Consultant**, Komodo- tested, searched, found, designed, developed, delivered & consulted of information security solutions. Including: Java programming using APIs and libraries, working with databases and indexing systems (PostgreSQL, MySQL, Mongo, SOLR), database design, scripts writing, application security

penetration testing, security questioning, researching and reports & technical documents writing.

2012-2013 **Android Researcher & Java Developer in Communication, Security & GPS fields**, Rafael- searched, found, developed & delivered solutions for ad hoc networks on Android environment. Including: Java & XML for Android, multithreading, encryption, architecture design, broadcasting & applicative relay, using APIs, GPS & communications experiments, research and presentations. **Won the excellence projects contest of the Israel Chamber Information Systems Analysts in 2015.**

2012-2013 **C Teaching Assistant**, Kinneret College - taught my students how to design, solve and debug challenges using functions, conditions, loops, arrays, structs, pointers & recursion.

2009 **Support**, Incredimail – restored & solved international users' tech problems via mail.

2008-2009 **Researcher & Technician**, Ilit – learning methods, frequencies & music research, implemented formulas using C#, composed music and worked as a pc technician.

Portfolios

LinkedIn: <https://www.linkedin.com/in/eyalweisz>
Facebook Page: <https://www.facebook.com/EyalWeiszMusicTech>
Website: <http://eyalweisz.com/>

Education

2016-Present **Music Technology (Specialization in Audio Visual)**, Bar Ilan University

2009-2013 **BSC in Information System Engineering**, Kinneret College on the Sea of Galilee
Including: Algorithms, Web Developing, AI, Bioinformatics, Security and XML.
Projects: Rafael [Android & Java] - **won the national project contest of 2015.**
Bioinformatics [C], Encryptions [C#] and Physical & Musical [C#, XML, SQL].

2003-2004 **Software Engineering Technician**, Ort Hermelin College of Engineering
Including: ASM, C, C++, SQL & Networks. **Project:** Strategy game VS the computer [C++].

2000-2003 **Information Technologies, Physics & Robotics**, Ort Guttman High
Including: ASM, C, VB6, HTML, Data Structures, Networks & Information Systems.
Projects: Information System [VB6 & Access], Robotics: **Roboner national competition.**

Military Service

2004-2008 **Embedded Command & Control Technicians' Shift Manager** – worked with Servers, PowerPCs & PCs based on Unix, OS2 & Windows, network equipment, cables & ran scripts. Took care of my soldiers & their knowledge and taught them how to do their job on the best side.

Other Areas

Teaching: computers, math, physics, music, languages, values, education & empowerment.
Music: guitar player & teacher, arranger, composer and owner of my own guitar studio.

Volunteering: informal education, music, student unions, green course, Perach, expeditions, etc.

Languages: **Hebrew:** mother tongue **English:** fluent