

## Elchanan Achituv

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### Experience

**2022: MDBiosciences** - Experimental and development engineer, planning and designing experiments in-vitro and in-vivo lab equipment's. **Acquiring experience in interface with clients and interdiction.**

**2021: PoolPurity (Temporary)** - R&D & NPI Engineer; A new filtration system technology for pools, *Arduino* programming for engine controllers. Took part in the planning (CAD design), installation and implantation On-Site and keeping **connection with customers and suppliers.**

**2020: Daika** - R&D Engineer; responsible for design molds, information organization and statistical analysis with *python*. **Purchase of lab equipment, connection with suppliers.**

**2019: Omrix Biopharmaceuticals** - Quality array; work with GMP condition, responsible for product release and for the standard process, connection with different departments, using validation software (**Priority**).

**2016-19: Shamir Salads** - Food industry assurance; responsible for receipt of regulatory guidelines and their implementation; simultaneous supervision of approximately fifty people and four work production machines, responsibility for validation of raw materials and products, documentation, malfunction checks. Work with GMP, HACCAP & ISO conditions.

**University Practitioner and Teaching Assistant** - Assistance with studying and preparation for exams in; mathematics (calculus 1,2 and linear algebra), physics (mechanics and electricity), and chemistry (general and inorganic) for Mehina - university preparatory programs and university students, **guiding labs** for 'Noar Shohar Mada' Program.

**2014: Customers Assistant at Bank Leumi** - channeling, assistance and information, sales and marketing.

**2010-13:** Combat service in Nahal Brigade.

### Education

**2020-21:** Study at TA University for M.Sc. - Mechanical Engineering Department.

Gaining experience in a project dealing with systems engineering, mechanics and control.

**2014-18: Graduate B.Sc.** at Ariel University, **Chemical Engineering Department**, with a focus on **materials**.

#### **Main Study Courses:**

Dynamics and Process Control, Computer Applications. Final projects: I experienced development, scale-up, and connection with various companies for comparing raw materials to establish a chemical factory.

Research project: Data Analysis, writing reports and specifications.

### Volunteering and Scholarships

**2022: Beit Hagalgalim** - weekends, weekdays, and summer camp activities for children with cerebral palsy and muscular dystrophy, to provide them with opportunities to develop and grow.

**2018-21:** Volunteering in 'Osim - Tov' and 'Shahen - Tov' associations – Renovation houses for disabled and elderly people (**dealing with construction, water, and electricity systems**) and shipping food packages to needy families.

Tooke part in the 'Taglit graduates' organization.

**2014-17:** "Perach" organization

**2009-10:** "Beit Alfa" New Immigrants Institute (Music Lessons and Hebrew).

Car owner, Knowledge of *Office*, and sketch software – *Solidworks*, *Graph-Pad* and *Matlab*.

Excellent interpersonal skills, dedicated, creative, independent, able to work in a team, presentation skills, ability to adjust and learn in new situations, strong self-motivation, organized and with a keen sense of responsibility.

**Languages:** Hebrew - Mother language, English - good, Arabic & Spanish - Basic understanding.