

Nufar Allouche

Researcher and Analytical Chemist

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About Me:

Nearing the end of my M.Sc in chemistry, specializing in analytical chemistry and electrochemistry. Experience from a bachelor's degree project in conductive coatings and nanomaterials. have trained and experience using SEM and EDS. Has some experience using GC-MS and BET measurements. Loves to learn, has quick and independent learning ability, and has a good technical understanding.

Education:

2019-today: M.Sc. in chemistry at the Hebrew University of Jerusalem

- ❖ Master of Chemistry under the supervision of Prof. Daniel Mandler, specialization in analytical chemistry, in the field of electroanalytical detection of micropollutants in recycled water
- ❖ Rector's Scholarship for excellent students

2016-2019: B.Sc. at the Hebrew University of Jerusalem

- ❖ Bachelor's Degree: the main profession in chemistry and secondary profession in life science
- ❖ Etgar Research Program of Excellence – development of conductive ink based on copper and silver core-shell nanoparticles under the supervision of Prof. Shlomo Magdassi

2015-2016: Certification Studies at Campus "Siim", Tel-Aviv - Pilates Instructors Course

Professional Experience:

2017-today: Researcher in a research laboratory

2019-2021: Teaching assistant – Institute of Chemistry at the Hebrew University of Jerusalem

- ❖ Teacher assistant in general chemistry courses: teaching, writing lesson plans, and tests
- ❖ Receiving an outstanding teacher from the faculty in a teaching evaluation survey
- ❖ Instructor in general chemistry labs: Instructing the writing of lab reports

Military Service:

2012-2016: In my military service, served at the information and communications technology array of the Intelligence Corps in the field of computer data communication and quality assurance.

- ❖ **2016** - Received a certificate of excellence as an officer
- ❖ **2015-2016** - Staff officer in the operation division
- ❖ **2013** - Received a certificate of excellence as a soldier
- ❖ **2013** - Officers' course, Command on a soldiers' department

Skills:

Computer: MATLAB • Origin • Orca • Microsoft Office programs • illustrator

Languages: Hebrew – native language • English – fluent reading and writing

Supplementary

Excellence:

- ❖ **2019-2021:** Rector scholarship for M.Sc excellent students
- ❖ **2017-2019:** Etgar Research Program of Excellence – supervisor: Prof. Shlomo Magdassi

Presentations:

- ❖ **2021** – seminar lecture to the institute of chemistry at the Hebrew University of Jerusalem
- ❖ **2020** - Lecture at “new electrode materials for monitoring of trace organic pollutants” - a conference of the Chemistry Institute at the Hebrew University with Charls University, faculty of science department of analytical chemistry
- ❖ **2020** - Lecture at “GWRI 2020 graduate students conference”, Technion

Posters:

- ❖ **2021** - poster at the “israelectrochemistry 2021” conference
- ❖ **2019** - Poster at the “Unraveling new horizons in nano materials at the atomic scale” conference of the Nano Center at the Hebrew University

Publication:

- ❖ Article in writing on the research topic of the thesis in my M.Sc