



Mohamad Sawalha

📍 Address: Abu Dhabi, UAE

✉ Email address: sawalha.mohamad96@gmail.com

☎ Phone number: (+971) 508222855

Gender: Male Date of birth: 23/05/1996 Nationality: Jordanian

EDUCATION AND TRAINING

[01/10/2018 – 09/09/2021] **MSc in Sustainable Environment and Energy Systems**

Middle East Technical University - Northern Cyprus Campus

Address: Turkey

[01/09/2013 – 31/12/2017] **BSc in Chemical Engineering**

An-Najah National University

Address: Autonomous Palestinian Territories

[12/03/2017 – 06/04/2017] **Quality Management System "ISO 9001:2015" Trainee Certificate**

PACT for Consultancy and Training

Address: Autonomous Palestinian Territories

WORK EXPERIENCE

[01/10/2018 – 09/09/2021] **Graduate Teaching Assistant**

Middle East Technical University

City: Guzelyurt

Country: Turkey

Main activities and responsibilities:

- Conducting general, analytical, physical, and organic chemistry laboratories sessions.
- Conducting tutorials and review sessions.
- Preparing and grading assignments, reports, and coursework.

[01/05/2017 – 01/07/2017] **Intern Process Engineer**

TenGrid International Industries

City: Abu Dhabi

Country: United Arab Emirates

Main activities and responsibilities:

- Assisting process engineers in monitoring the operating units.
- Ensuring proper operation of the production line of polyethylene and polypropylene geogrids.
- Documenting all processes and results.
- Prepare and present a final project report.

LANGUAGE SKILLS

Mother tongue: Arabic

Other language(s):

English: Full professional proficiency

Turkish: Elementary proficiency

SKILLS

Microsoft Office | ChemDraw professional | ASPEN HYSYS | Origin software | Spectrum 10 software | NMR spectroscopy | FTIR spectroscopy | Ultraviolet-visible spectroscopy | AutoCAD

PUBLICATIONS

[2019]

Reinforcing of low-density polyethylene by cellulose extracted from agricultural wastes

<https://doi.org/10.1177/0021998318781702>

Reference: Sawalha, S., Ma'ali, R., Surkhi, O., Sawalha, M., Dardouk, B., Walwel, H., & Haj Ahmad, D. (2019).

PROJECTS

[01/10/2018 – 09/09/2021]

Master's thesis: Synthesis and characterization of perylene tetracarboxylic propargyl esters as precursor materials for light-harvesting perylene derivatives in organic photonic applications

Design, synthesis, and characterization of various perylene derivatives to produce new donor-acceptor molecules to be utilized in organic solar cells.

RECOMMENDATIONS

Supervisor

Name: Dr. Mustafa Erkut Özser

Phone number: (+90) 3926612951

Email: ozser@metu.edu.tr

Assistant Professor in the chemistry group at the Middle East Technical University - Northern Cyprus Campus.

Instructor

Name: Dr. Saliha Oner

Email: osaliha@metu.edu.tr

Lecturer in the chemistry group at the Middle East Technical University - Northern Cyprus Campus.