



# Lujayn Khasawneh, BSc(Eng)

Energy Engineer

✉ [lujaynalkhasawneh@gmail.com](mailto:lujaynalkhasawneh@gmail.com)

☎ (+962) 796688972

📍 Amman, Jordan

📅 24 February, 1999

## WORK EXPERIENCE

### Engineering Design Apprentice

Izzat Marji Group

06/2020 - 03/2021

Amman, Jordan

*Achievements/Tasks*

- Worked as a solar photovoltaic systems design engineer in the Renewable Energy and Efficiency Department (REEED).
- Worked with the customer's space of choice, designed the appropriate solar system, used different programs and softwares, such as: autoCAD, SketchUp, PVSyst and PVSol.
- Worked on mechanical and electrical connections unique to every location.

## PERSONAL PROJECTS

Floating Photovoltaic System (FPV): Design and Simulation

- Studying the possibility of a FPV system in Jordan. It also entails creating the most optimal design which includes materials with appropriate floating properties, while also having the system harvest energy at its best performance.

## EDUCATION

### Bachelor of Engineering - BE, Energy

Al Hussein Technical University (HTU)

10/2017 - 02/2022

Amman, Jordan  
<https://www.htu.edu.jo>

*Graduation Project:*

- 2030 Electric Vehicles Scenarios in Jordan, Recommended policies and Economic, Social and Environmental Benefits

### KA1 Erasmus Mobility Grant

Staffordshire University

10/2019 - 03/2020

Stoke-on-Trent, United Kingdom  
<https://www.staffs.ac.uk>

## SKILLS

Knowledge in research tools and analysis

Excellent problem solving

Budgeting

Excellent interpersonal communication skills

Strong work ethic

Great attention to detail

Team work

Equipment sizing and risk analysis

Energy auditing, load estimation, and energy modeling.

## CERTIFICATES

IELTS (08/2021 - 08/2023)

*Test Band 8*

## ORGANIZATIONS

Association of Energy Engineers (AEE)  
(2018 - Present)

*Founder of Al Hussein Technical University (HTU) AEE Student Chapter.*

## LANGUAGES

Arabic

*Native or Bilingual Proficiency*

English

*Full Professional Proficiency*

German

*Elementary Proficiency*

## DIGITAL SKILLS

Microsoft Office

AutoDESK AutoCAD (Optimal Knowledge)

Fusion 360 Autodesk

PVSol

sketchUP

pvSyst

MATLAB, Simulink

Solidworks

Hourly Analysis Program (HAP)

EDGE | Green Building Certification System