M. Sanad AlTaher

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EDUCATION

BSc in Electrical Engineering | Jordan University of Science and Technology   Sept. 2018 – present
Currently pursuing a five–year ABET accredited degree in Electrical Engineering at JUST.   **CGPA: 3.84/4.0**

Academic Exchange | Istanbul Aydın University   Sept. 2021 – Jan. 2022
Studied in Istanbul for one semester under the Erasmus+ ICM academic exchange program.   **GPA: 4.0/4.0**

ACTIVITIES *(available upon request)*

Bachelor's Thesis – Part I | Jordan University of Science and Technology   Oct. 2022 – Jan. 2023
Researched, designed, and simulated various waveguide directional couplers, then tested some novel design approaches, under the supervision of Prof. Nihad Dib.

Scientific Essays | Jordan University of Science and Technology

- *Channel Modeling for UAV–Enabled 6G Networks*   Jan. 2023
- *Radar Electronic Counter–Countermeasures*   June 2022
- *Wireless Power Transmission with Applied Metamaterials*   May 2021

Huawei HCIA–5G Training | Online   July 2020
Participated in a four–day training program, provided by Huawei, encompassing detailed 5G architecture, 5G use cases in industries, 5G network capabilities and key technologies, and typical industry solution design of 5G.

Hult Prize | Dubai, UAE   March 2019
Led a team of four entrepreneurs, working on an innovative venture in the technological services field, to the regional finals, and pitched world–class investors.

EXPERIENCE

Research Internship | Manipal Institute of Technology – Manipal, India   July 2022 – Sept. 2022
Researched Smart Grid technologies, mainly: PMU–PDC communication, fault detection, and data prioritization, then conducted simulations in OMNeT++.

Student Assistant | Microcontrollers Lab – JUST   March 2021 – July 2021
Guided students in implementing experiments on simulation software, assisted in explaining experiments during lab sessions, helped students tackle issues with simulation software and circuit design, and assisted in developing a lab manual to be used in future semesters.

SKILLS

• Ansys HFSS   • MATLAB   • C/C++   • LaTeX   • Proteus Design Suite   • AutoCAD