

Ibrahim Aldughaysh

Najran • 056.827.5927 • ibrahimaldughaysh@gmail.com

Summery:

An autodidact and determined student seeking a **full-time Electrical Engineer position**, which can thrive an enduring career with personal and professional growth through exposure to innovative, cutting-edge technologies. Being passionate about exploring evolving electrical engineering technologies, I am keenly looking forward to starting my career in the power and energy industry to strengthen my knowledge and experience.

Education:

Bachelor of Science in Electrical Engineering. Jan,2017 - Dec,2021
Specialization: Power Systems and Energy. Minor: Mathematics.
Southern Illinois University (SIU), Carbondale, IL
GPA: 3.32/4.0

Projects and involvement:

Senior Design Final Project - (Boeing Company): Aug,2020 - May,2021

- Designing and building a rover and making a system to control it remotely.
- Designing an application to read outs for the various systems on the rover.
- Have 2-axis vision in terms of its camera vision system with a freedom of movement.
- Have an arm with the ability to pick up a wide array of small shapes.

ETAP Software Projects:

- Developed a power system to validate impact of synchronous motor and shunt capacitor in power factor improvement. Mar,2021 - Apr,2021
- Designed a Hybrid Renewable Energy System Development. Oct,2020 - Nov,2020

Work Experience:

Student Employee (Receptionist), Southern Illinois University Carbondale, IL. Sep,2021 - Dec,2021

- Greeting visitors and guests.
- Mail sorting and deliveries.
- Answering telephones and using paging system.
- Copying, taxing, scanning, shredding, filling, and tying.
- Handling walk-ins looking for jobs or applying for positions.

Technical Skills:

- Microsoft Word/Excel/PowerPoint.
- CST Studio Suite (3D Electromagnetic field simulations software).
- Arduino, C++, Python, and MATLAB.
- ETAP (Electrical Power System Analysis Software).

Awards/Scholarships:

- Dean's List/ Awards for high GPA (SACM Scholarship) Spring,2020
- SACM Scholarship Awards Spring,2018 - Fall,2021

Courses/Certifications:

- Construction Safety Management (OSHA 30 hours)
- Six Sigma Green Belt
- Project Management Professional (PMP)

Relevant Coursework:

- Electric Circuits I & II
- Electronics
- Control Systems
- Power System Engineering
- Wind & Solar Power Systems
- Energy Conversion (Electric Machines)
- Intro to Software tolls robotics
- Digital Computation (C++)
- Electric Drive Systems