

# RENAD ALAFANDI

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## PROFESSIONAL SUMMARY

A highly motivated industrial engineer with a strong passion for innovation and optimization. Committed to applying my skills and creative problem-solving abilities to drive impactful projects while continually enhancing my knowledge and expertise.

## WORK HISTORY

06/2024 - 08/2024

### Consulting Intern

**PwC** - Riyadh, Saudi Arabia

- Supported the activation of the digital transformation office for a government authority.
- Designed process flowcharts in Visio to improve workflows
- Assisted in developing business cases and RFPs for digital transformation projects.

06/2023 - 12/2023

### Misk Fellow

**Misk Foundation** - Riyadh, Saudi Arabia

- Selected for the Misk Fellowship, a prestigious leadership program with a 1% acceptance rate.
- Won first place in the Misk SDG competition for developing a renewable energy solution for ACWA Power.

11/2022 - 11/2023

### Training Leader

**Microsoft LSA Club** - Jeddah, Saudi Arabia

- Trained +40 members in soft skills development, covering time management, problem-solving, communication, and work ethics.

09/2021 - 09/2022

### Treasurer

**IEEE Women In Engineering Club** - Jeddah, Saudi Arabia

- Organized four educational programs across the year to empower +50 engineering students and facilitated networking opportunities with industry professionals.

## EDUCATION

2020 - 05/2025

### Bachelor of Engineering: Industrial Engineering

**King Abdulaziz University** - Jeddah, Saudi Arabia - GPA 4.4/5

**Senior Design Project Lead** – Led a team to integrate artificial intelligence into the energy sector, securing sponsorship from ACWA Power, which led to an official collaboration between ACWA Power and King Abdulaziz University.

07/2023 - 08/2023

### Leadership Program: Sustainable Energy Systems

**The University of Tokyo** - Tokyo, Japan

## SKILLS

- |                      |                    |
|----------------------|--------------------|
| • Leadership         | • ESG              |
| • Project Management | • MS Office        |
| • Data Analysis      | • Power Bi         |
| • Problem-Solving    | • Visio            |
| • Optimization       | • SIMIO Simulation |

## AWARDS

- Geneva Invention Exhibition 2024 Gold Medal
- International Trade Fair IENA2024 Gold Medal
- Seoul International Invention Fair SIIF2023 Silver Medal
- Special Prize of Korea Invention Promotion Association

## CERTIFICATIONS

- PwC Sustainability: Climate Impact Knowledge Badge
- PwC ESG Learning Hub
- User Research: Informing Product Decisions with Customer Insights, (Stanford Online Credential ID: X681431)
- Data Driven Decision Making course (SDAIA Credential ID: FX22R1N517N54Y)

## PUBLICATIONS

- A Literature Review of Marine Energy Technologies: Comparing Tidal and Wave Energy with Solar and Wind, and Their Potential Application in Saudi Arabia (2024). *Proceedings in Technology Transfer*, Springer Singapore. ISBN: 978-981-97-8587-2
- Renad Alafandi. Diet and Mood book, A Healthy Diet's Benefits on Mental Health (2021). ISBN: 978-603-03-9216-2