



ABDULLATIF ALTABTABAEI

MECHANICAL ENGINEER

PROFILE

Mechanical Engineering professional with advanced training in manufacturing, additive manufacturing, tribology, and metallic materials. Holds an MSc from Imperial College London, with experience in experimental research and technical reporting. Currently serving as an instructor and contributing to research dissemination.

EDUCATION

University of Miami | Florida, USA

- Bachelor's in Mechanical Engineering - GPA: 3.85 | 2015-2019
- MSc in Mechanical Engineering - GPA: 3.96 | 2020-2021

Imperial College London | London, UK

- MSc in Advanced Mechanical Engineering - Grade: Distinction (First) | 2024-2025

OCCUPATION

Alghanim Industries | Sahara Trans. | 2022-2024

- Supply Chain Engineer

Public Authority of Applied Education and Training | 2025 - Current

- Instructor, Manufacturing Engineering Technology Department - College of Technical Studies

TECHNICAL EXPERTISE

- Manufacturing processes and metallic materials
- Additive manufacturing (SLM/LPBF) of metals
- Tribology and wear of engineering surfaces
- Surface integrity and materials characterization
- Nano-scale mechanical testing (nanoindentation of Ni-based superalloys)

AWARDS & HONORS

University of Miami

- Bachelor of Science in Mechanical Engineering, Magna Cum Laude
- Member, Pi Tau Sigma Engineering Honor Society
- Recipient of multiple academic honors (Dean's List, Provost's List, President's List)

PERSONAL INFORMATION

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Phone: +965 94444457

ACADEMIC RESEARCH AND TEACHING EXPERIENCE

University of Miami

- Master's Research Thesis: High-Temperature Nanoindentation of Nickel-Based Superalloys with and without Tertiary Precipitates
- Experimental nano-scale mechanical characterization of CMSX-type Ni-based superalloys

Imperial College London

- Master's Research: Effect of SLM Process Parameters on the Tribological Performance of 316L Stainless Steel in Dry Sliding

INDUSTRY AND PROFESSIONAL EXPERIENCE

Gulf Consult Internship

- Kuwait University's new campus -The SAAF Project | 2019

Alghanim Industries

- Certified as a Specialist Cargowise User
- Tableau: Dedicated reporting Specialist at Alghanim Industries.

PROFESSIONAL TRAINING AND CERTIFICATIONS

Middle East Facility Management Association

- Certified Facility Manager – MEFMA Level 2 (MOTAMAD)

Kuwait University & Youth Public Authority

- 360-hour intensive training covering FM operations and practices
- Industrial exposure through site studies at Alghanim Industries, Agility, ESG, EcovertFM

WiseTech Academy

- CargoWise One Specialist | 07/2023

PROFESSIONAL MEMBERSHIPS

- American Society of Mechanical Engineers (ASME) - Graduate Member
- Kuwait Society of Engineers - Member
- Middle East Facility Management Association (MEFMA)
- ASHRAE - Student Member (Miami Chapter)

REFERENCES

Master's Thesis:

<https://scholarship.miami.edu/esploro/outputs/991031652912102976>

Linkedin:

https://www.linkedin.com/in/abdullatif-altabtabaei-10a444214?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app