

Mohammad Houkan

MECHANICAL ENGINEER

Al-Thumama , Doha, Qatar

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Education

Qatar University

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

Doha, Qatar

August 2018 - December 2020

Qatar University

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Doha, Qatar

March 2012 - December 2017

Experience

Qatar University

RESEARCH ASSISTANT

Doha, Qatar

October 2019 - Present

- Worked in a laboratory environment
- 3D modeling
- Research writing

Al Jaber Trading & Contracting Company W.L.L.

MECHANICAL ENGINEER TRAINEE

Doha, Qatar

June 2019 - September 2019

- MEP works

Qatar University

RESEARCH ASSISTANT

Doha, Qatar

January 2019 - May 2019

Envirozone Middle East L.L.C

SALES AND SERVICE ENGINEER

Doha, Qatar

August 2018 - November 2018

- Laboratory and testing equipment sale

Delta Corporation

ENGINEERING INTERN

New Industrial Area, Qatar

June 2016 - September 2016

- Metal valve and pipe fitting manufacturing

Publications

- [1] Jamilur R. Ansari, Sara Mohamed Hegazy, Mohammad Talal Houkan, Karthik Kannan, Aaliah Aly, and Kishor Kumar Sadasivuni. "Chapter 8 - Nanocellulose-based materials/composites for sensors". In: *Nanocellulose Based Composites for Electronics*. Ed. by Sabu Thomas and Yasir Beeran Pottathara. Micro and Nano Technologies. Elsevier, 2021, pp. 185–214. ISBN: 978-0-12-822350-5. DOI: <https://doi.org/10.1016/B978-0-12-822350-5.00008-4>. URL: <http://www.sciencedirect.com/science/article/pii/B9780128223505000084>.
- [2] Kalim Deshmukh, Mohammad Talal Houkan, Mariam AlAli AlMaadeed, and Kishor Kumar Sadasivuni. "Introduction to 3D and 4D printing technology: State of the art and recent trends". In: *3D and 4D Printing of Polymer Nanocomposite Materials*. Elsevier, 2020, pp. 1–24.
- [3] Mohammad Houkan, Omar Shehata, Karthik Kannan, John-John Cabibihan, Aboubakr M Abdullah, and Kishor Kumar Sadasivuni. "Development of in-situ sensors for CO2 to fuel process". In: (2020).
- [4] Karthik Kannan, Mohammad Houkan, Mohamed Ismail Saleh, and Kishor Kumar Sadasivuni. "Thermal, electrical, and sensing properties of composite material from environmental and industrial wastage". In: (2020).
- [5] Deepalekshmi Ponnamma, Mohammad Talal Houkan, Muni Raj Mourya, and Noora Al-Thani. "Designing a quick fix shutter for auto-disinfecting scan glass surface in biometric scanners". In: (2020).
- [6] Kishor Kumar Sadasivuni, Mohammad Talal Houkan, Mohammad Saleh Taha, and John-John Cabibihan. "Anti-spoofing device for biometric fingerprint scanners". In: *2017 IEEE International Conference on Mechatronics and Automation (ICMA)*. IEEE. 2017, pp. 683–687.