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| 1. **Name:**   **Academic Rank:** | Ahmad Alshorman  Assistant Professor |
| 1. **Education:**  |  | | --- | | ***B.Sc., Mechanical Engineering ,***  Jordan University of Science and Technology (J.U.S.T), Jordan, June 2009 | | ***M.Sc., Mechanical Engineering\Mechatronics***  Jordan University of Science and Technology (J.U.S.T), Jordan, June 2011 | | ***Ph.D., Mechanical Engineering***  Southern Methodist University (SMU), Dallas,Tx, USA, May 2015 | | |
| 1. **Academic Experience:**  |  |  | | --- | --- | | **Sept. 2015 – Present** | Assistant Professor  Department of Mechanical Engineering, JUST, Jordan | | **Aug 2011- May2015** | Teaching Assistant  Department of Mechanical Engineering, SMU, Dallas, TX, USA | | **Sept 2009- Aug 2011** | Teaching Assistant  Department of Mechanical Engineering, JUST, Jordan | | |
| 1. **Non-academic Experience:** |  |
| 1. **Certification and professional registration:**   CSWA-Mechanical Design | |
| 1. **Current membership in professional organization:**  |  | | --- | | -Member,   American Society of Mechanical Engineers(ASME). | | - Member, Institute of Electrical and Electronics Engineers(IEEE). | | -Member,IEEE Robotics and Automation Society (RAS).              -Member,IEEE Young Professionals.              -Member,IEEE Nanotechnology Council.              -Member, IEEE Sensors Council. | | -Member, International Association of Engineers(IAENG). | | -Member, Jordanian Engineers Association (JEA). | | |
| 1. **Honors and Awards**  |  | | --- | | PhD Scholarship from JUST, 2013-2015 | | Civil and Mechanical Engineering Scholarship, SMU , Dallas, Tx, (2011-2013). | | First Place Award, Graduate research day, Lyle School of Engineering, SMU, 2013 | | |
| 1. **Service Activities (within and outside of the institution)**  |  | | --- | | Session Chair. ASME International Mechanical Engineering Congress and Exposition (IMECE 2017) | | Accreditation and Quality Assurance Committee. | | Social and Cultural Activities Committee. | | Department Recruitment Committee | | |
| 1. **Publications and Presentations from the Last Five Years**  |  | | --- | | 1. Mohammad Hamdan Garibeh, **Ahmad M. Alshorman**, Mohammad A. Jaradat, Ahmad Bani Younes ,and Maisa Khalil. “Motion Planning for Unmanned Aerial Vehicles in Dynamic 3D-Space : a Potential Force Approach.”, IEEE Systems Journal, Submitted. | | 1. AlShorman, Omar Mahmoud, and **Ahmad M. Alshorman**. "Frontal lobe and long-term memory retrieval analysis during pre-learning stress using EEG signals." *Bulletin of Electrical Engineering and Informatics* 9.1 (2020): 141-145. | | 1. **Alshorman, Ahmad**, and Yildirim Hurmuzlu. "Kinematic Locomotion Modes of Particle-Based Linear Chain Mechanisms." *Journal of Dynamic Systems, Measurement, and Control* 140.2 (2018). | | 1. Sanaani, Yosri Taha, **Ahmad Alshorman**, and Khaled Alshurman. "A Novel Design of Flexure Based, Shape Memory Alloy Actuated Microgripper." *ASME International Mechanical Engineering Congress and Exposition*. Vol. 58370. American Society of Mechanical Engineers, 2017. | | 1. Khasawneh, Qais, Mohammad A. Jaradat, and **Ahmad Alshorman**. "Enhanced design of microgripper using double actuators of shape memory alloy wires." *Dynamic Systems and Control Conference*. Vol. 46186. American Society of Mechanical Engineers, 2014. | | 1. Zoghzoghy, Joe, **Ahmad Alshorman**, and Yilrdirim Hurmuzlu. "Inertially actuated baton locomotor." *Dynamic Systems and Control Conference*. Vol. 56123. American Society of Mechanical Engineers, 2013. | | |
| 1. **Professional Development Activities**   Workshops attended:  Research Excellence: From Application To Publication, 2019  Online Learning Design, 2018 | |
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