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| 1. **Name:**

**Academic Rank:**  | Ahmad AlshormanAssistant Professor |
| 1. **Education:**

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| ***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 |

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| 1. **Academic Experience:**

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| **Sept. 2015 – Present**  | Assistant ProfessorDepartment of Mechanical Engineering, JUST, Jordan |
| **Aug 2011- May2015** | Teaching AssistantDepartment of Mechanical Engineering, SMU, Dallas, TX, USA |
| **Sept 2009- Aug 2011**  | Teaching AssistantDepartment of Mechanical Engineering, JUST, Jordan |

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| 1. **Non-academic Experience:**
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| 1. **Certification and professional registration:**

CSWA-Mechanical Design |
| 1. **Current membership in professional organization:**

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|  -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). |

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| 1. **Honors and Awards**

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| 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 |

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| 1. **Service Activities (within and outside of the institution)**

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| Session Chair. ASME International Mechanical Engineering Congress and Exposition (IMECE 2017) |
| Accreditation and Quality Assurance Committee.  |
| Social and Cultural Activities Committee.  |
| Department Recruitment Committee  |

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| 1. **Publications and Presentations from the Last Five Years**

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| 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.
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| 1. **Professional Development Activities**

Workshops attended:Research Excellence: From Application To Publication, 2019Online Learning Design, 2018 |
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