

# Stanford

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## Amir Nasrollahi

Postdoctoral Research Fellow, Aeronautics and Astronautics

### Bio

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#### BIO

Amir Nasrollahi is a postdoctoral fellow at the Structures and Composites Laboratory (SACL) in the Department of Aeronautics and Astronautics of Stanford University. He earned his Ph.D. from the Department of Civil and Environmental Engineering of the University of Pittsburgh in 2018, where he served as a postdoctoral associate from Jan. to Sept. 2019.

Amir Nasrollahi's research interests are Li-ion Batteries, Multifunctional Materials, smart materials and structures, Nondestructive Evaluation, Structural Health Monitoring, sensor networks, stress wave propagation, metamaterials, computational acoustics, and vibration and acoustics.

#### HONORS AND AWARDS

- Outstanding Paper Award, American Society of Mechanical Engineering (ASME) (2020)
- Fellowship Award, American Society for Nondestructive Testing (ASNT) (2015)

#### PROFESSIONAL EDUCATION

- Postdoctoral, Stanford University , Aeronautics and Astronautics (2019)
- Postdoctoral, University of Pittsburgh , Civil and Environmental Engineering (2019)
- Ph.D., University of Pittsburgh , Civil and Environmental Engineering (2018)

#### STANFORD ADVISORS

- Fu-Kuo Chang, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Static Tactile Sensing for a Robotic Electronic Skin via an Electromechanical Impedance-Based Approach.** *Sensors (Basel, Switzerland)*  
Liu, C. n., Zhuang, Y. n., Nasrollahi, A. n., Lu, L. n., Haider, M. F., Chang, F. K.  
2020; 20 (10)