

# Stanford

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## Danyang Fan

Ph.D. Student in Mechanical Engineering, admitted Autumn 2020

### Bio

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#### HONORS AND AWARDS

- Graduate Research Fellowship, National Science Foundation (2019)
- Stanford Undergraduate Research Institute Fellowship, Stanford University (2017)
- William Pablo Feraldo Memorial Foundation Scholarship, The William Pablo Feraldo Memorial Foundation (2013)

### Publications

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#### PUBLICATIONS

- **COVID-19 highlights the issues facing blind and visually impaired people in accessing data on the web** *W4A: Web Accessibility*  
Siu, A. F., Fan, D., Kim, G. S., Rao, H. V., O'Modhrain, S., Follmer, S.  
2021: 1-15
- **Constructive Visualization to Inform the Design and Exploration of Tactile Data Representations** *ASSETS '20*  
Fan, D., Siu, A. F., Sile O'Modhrain, S., Follmer, S.  
2020: 4
- **Experimental Study of Periodic Free Stream Unsteadiness Effects on Discrete Hole Film Cooling in Two Geometries** *JOURNAL OF TURBOMACHINERY-TRANSACTIONS OF THE ASME*  
Borup, D. D., Fan, D., Elkins, C. J., Eaton, J. K.  
2019; 141 (6)
- **Measurements in discrete hole film cooling behavior with periodic freestream unsteadiness** *EXPERIMENTS IN FLUIDS*  
Fan, D., Borup, D. D., Elkins, C. J., Eaton, J. K.  
2018; 59 (3)
- **EXPERIMENTAL STUDY OF PERIODIC FREE STREAM UNSTEADINESS EFFECTS ON DISCRETE HOLE FILM COOLING IN TWO GEOMETRIES**  
Borup, D. D., Fan, D., Elkins, C. J., Eaton, J. K., ASME  
AMER SOC MECHANICAL ENGINEERS.2018: 327-41
- **Cryogenically cooled ultra low vibration silicon mirrors for gravitational wave observatories** *CRYOGENICS*  
Shapiro, B., Adhikari, R. X., Aguiar, O., Bonilla, E., Fan, D., Gan, L., Gomez, I., Khandelwal, S., Lantz, B., MacDonald, T., Madden-Fong, D.  
2017; 81: 83-92