

# Stanford

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## Johnathan Georganas

Ph.D. Student in Materials Science and Engineering, admitted Autumn 2020

### Publications

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#### PUBLICATIONS

- **Structure of the moire exciton captured by imaging its electron and hole.** *Nature*  
Karni, O., Barre, E., Pareek, V., Georganas, J. D., Man, M. K., Sahoo, C., Bacon, D. R., Zhu, X., Ribeiro, H. B., O'Beirne, A. L., Hu, J., Al-Mahboob, A., Abdelrasoul, et al  
2022; 603 (7900): 247-252
- **Bidirectional phonon emission in two-dimensional heterostructures triggered by ultrafast charge transfer.** *Nature nanotechnology*  
Sood, A., Haber, J. B., Carlström, J., Peterson, E. A., Barre, E., Georganas, J. D., Reid, A. H., Shen, X., Zajac, M. E., Regan, E. C., Yang, J., Taniguchi, T., Watanabe, et al  
2022