

## Julien Eric Darve

Masters Student in Computer Science, admitted Autumn 2023

### Publications

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#### PUBLICATIONS

- **Towards efficient machine-learning-based reduction of the cosmic-ray induced background in X-ray imaging detectors: increasing context awareness**  
Poliszczuk, A., Wilkins, D., Allen, S. W., Miller, E. D., Chattopadhyay, T., Schneider, B., Darve, J., Bautz, M., Falcone, A., Foster, R., Grant, C. E., Herrmann, S., Kraft, et al  
edited by DenHerder, J. W., Nikzad, S., Nakazawa, K.  
SPIE-INT SOC OPTICAL ENGINEERING.2024
- **Reduction of cosmic-ray induced background in astronomical X-ray imaging detectors via image segmentation methods**  
Poliszczuk, A., Wilkins, D., Allen, S. W., Miller, E., Chattopadhyay, T., Bautz, M., Darve, J., Foster, R., Grant, C. E., Herrmann, S., Kraft, R., Morris, R., Orel, et al  
edited by Zelinski, M. E., Taha, T. M., Narayanan, B. N.  
SPIE-INT SOC OPTICAL ENGINEERING.2023