

Brevin Jeffery Tilmon

University of Florida
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Education

2019-Present PhD in Electrical Engineering, University of Florida
 Advisor: *Sanjeev Koppal*
2015-2019 BSE in Engineering Physics, Murray State University

Areas of specialization

Computer Vision • Computational Photography • Machine Learning

Experience

2019-Present University of Florida. Research Assistant, developing computational cameras and algorithms.
Summer 2018 University of Florida. Research Intern in SURF Program, developed projector-camera system.
2016-2019 Murray State University. Research Assistant, image processing for non-destructive evaluations.
2016-2019 Murray State University. President of IEEE Robotics Club, competed in IEEE robotics competitions.
Summer 2017 Berry Global. Electrical Engineering Intern, real time system control using scada software.

Teaching Experience

2015-2019 Murray State University, calculus-based physics courses (PHY 236,256)
2015-2019 Murray State University, algebra-based physics courses (PHY 126,133)

Honors

2019-2024 University of Florida Graduate School Preeminence Award
2018 Murray State University Jesse Jones Scholarship
2015-2016 Murray State University Engineering Physics Scholarship

Publications

Novel approach of wavelet analysis for nonlinear ultrasonic measurements and fatigue assessment of jet engine components

Gheorghe Bunget, **Brevin Tilmon**, Andrew Yee, Dylan Stewart, James Rogers, Matthew Webster, Kevin Farinholt, Fritz Friedersdorf, Marc Pepi, and Anindya Ghoshal
American Institute of Physics 1949(1), (*Proc. American Institute of Physics 2018*)

Technologies

Languages C++, Python, Halide

Tools PyTorch, Tensorflow, Solidworks/3D Printing

OS Windows, Linux, OSX

References

Sanjeev Koppal

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Gheorghe Bunget

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Aleck Leedy

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Personal

Born February 15, 1997 - Evansville IN (U.S. Citizen)