
Connor Greenwell

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University of Kentucky
Department of Computer Science
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Lexington, KY 40506

Education

Ph.D. Student, Computer Science 2016–Present

University of Kentucky; Lexington, KY

Advisor: Nathan Jacobs

B.S., Computer Science & Mathematics 2011–2016

University of Kentucky; Lexington, KY

Appointments

Graduate Research Assistant 2016–Present

University of Kentucky; Lexington, KY

ASTRO Graduate Student Researcher at ORNL Summer 2019

National Security Emerging Technologies Division,
Oak Ridge Institute for Science and Education (ORISE); Oak Ridge, TN
Advanced Short-Term Research Opportunity (ASTRO) Program

Undergraduate Research Assistant 2014–2016

University of Kentucky; Lexington, KY

Visiting Undergraduate Research Assistant Summer 2014

University of North Carolina at Charlotte; Charlotte, NC

NSF Research Experience for Undergraduates Program

Publications

Blanton, Hunter, Connor Greenwell, Scott Workman, and Nathan Jacobs. “Extending Absolute Pose Regression to Multiple Scenes”. In: *Joint Workshop on Long-Term Visual Localization, Visual Odometry and Geometric and Learning-based SLAM (CVPR Workshop)*. 2020.

Workman, Scott, M. Usman Rafique, Hunter Blanton, Connor Greenwell, and Nathan Jacobs. “Single Image Cloud Detection via Multi-Image Fusion”. In: *IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*. 2020.

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- Greenwell, Connor, Scott Workman, and Nathan Jacobs. "Implicit Land Use Mapping Using Social Media Imagery". In: *IEEE Applied Imagery and Pattern Recognition (AIPR)*. 2019.
- Salem, Tawfiq, Connor Greenwell, Hunter Blanton, and Nathan Jacobs. "Learning to Map Nearly Anything". In: *IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*. 2019.
- Greenwell, Connor, Scott Workman, and Nathan Jacobs. "What Goes Where: Predicting Object Distributions From Above". In: *IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*. 2018.
- Zhai, Menghua, Tawfiq Salem, Connor Greenwell, Scott Workman, Robert Pless, and Nathan Jacobs. "Learning Geo-Temporal Image Features". In: *British Machine Vision Conference (BMVC)*. 2018.
- Baltenberger, Ryan, Menghua Zhai, Connor Greenwell, Scott Workman, and Nathan Jacobs. "A Fast Method for Estimating Transient Scene Attributes". In: *IEEE Winter Conference on Applications of Computer Vision (WACV)*. 2016.
- Islam, Mohammad T, Connor Greenwell, Richard Souvenir, and Nathan Jacobs. "Large-Scale Geo-Facial Image Analysis". In: *EURASIP Journal on Image and Video Processing* (2015).
- Workman, Scott, Connor Greenwell, Menghua Zhai, Ryan Baltenberger, and Nathan Jacobs. "DeepFocal: A Method for Direct Focal Length Estimation". In: *International Conference on Image Processing*. 2015.
- Greenwell, Connor, Scott Spurlock, Richard Souvenir, and Nathan Jacobs. "GeoFace-Explorer: Exploring the Geo-Dependence of Facial Attributes". In: *ACM SIGSPATIAL International Workshop on Crowdsourced and Volunteered Geographic Information (GEOCROWD)*. 2014.

Talks

- Implicit Land Use Mapping Through Geotagged Imagery** October 15-17, 2019. IEEE Applied Imagery and Pattern Recognition Workshop.
- GeoFaceExplorer: Exploring the Geo-Dependence of Facial Attributes** November, 2014. ACM SIGSPATIAL International Workshop on Crowdsourced and Volunteered Geographic Information (GEOCROWD).

Organizations

- University of Kentucky Student Chapter, ACM** 2011–2015
Treasurer (2012–2013), President (2013–2014), Vice President (2014–2015)
- ACM** 2011–Present
- IEEE** 2012–Present