

Jason Lewis, Ph.D.

Assistant Professor of Computer Science
Florida Southern College

CONTACT INFORMATION

Mailing: Department of Computer Science
111 Lake Hollingsworth Drive
Lakeland, FL 33801
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EDUCATION

Clemson University, Clemson, South Carolina **August 2007**

Doctor of Philosophy, Computer Science
Dissertation Title: Vertex-Edge and Edge-Vertex Parameters in Graphs
Dissertation Advisor: Dr. Stephen Hedetniemi
GPA 4.000

East Tennessee State University, Johnson City, Tennessee **May 2004**

Master of Science, Mathematical Sciences
Thesis Title: Differentials of Graphs
Thesis Advisor: Dr. Teresa Haynes
GPA 3.570

East Tennessee State University, Johnson City, Tennessee **May 2002**

Bachelor of Science, Mathematical Sciences
Cum Laude, GPA 3.524

TEACHING EXPERIENCE

Florida Southern College **August 2020 – Present**

Lakeland, Florida

Assistant Professor of Computer Science
Department of Computer Science

University of South Florida **August 2018 – July 2020**

Tampa, Florida

Instructor I
Undergraduate Cybersecurity Program Coordinator
Department of Computer Science & Engineering

University of the Virgin Islands **August 2015 – August 2018**

St. Thomas, Virgin Islands of the United States

Assistant Professor
Department of Computer and Computational Sciences

University of South Florida **March 2015 – July 2018**

Tampa, Florida

Adjunct Graduate Instructor
Florida Center for Cybersecurity, and
Department of Criminology

University of Colorado Denver Denver, Colorado	January 2013 – Present
Adjunct Graduate Lecturer National Center for Media Forensics	May 2014 – Present
Senior Instructor Department of Computer Science and Engineering	August 2013 – August 2015
Adjunct Undergraduate Lecturer Department of Computer Science and Engineering	January 2013 – July 2013
University of Maryland - University College Adelphi, Maryland	October 2016 – August 2017
Adjunct Associate Professor Department of Cybersecurity Technology	
Community College of Denver Denver, Colorado	August 2012 – December 2012
Center for Math and Sciences Adjunct Faculty	
Metropolitan State University of Denver Denver, Colorado	January 2012 – December 2012
Department of Mathematical and Computer Sciences Adjunct Faculty	
Clemson University Clemson, South Carolina	August 2004 – August 2007
Department of Computer Science Graduate Teaching Assistant	
East Tennessee State University Johnson City, Tennessee	August 2003 – December 2003
Department of Mathematical Sciences Adjunct Faculty	
CyForce, L.L.C. A Cybersecurity & Digital Forensic Services Company Owner	October 2014 – Present
Colorado Electronic Crimes Task Force United States Secret Service Greenwood Village, Colorado	March 2013 – August 2015
Forensic Partner/Examiner Academic Consultant	
City of Greenwood Village Police Department Greenwood Village, Colorado	December 2008 – March 2013
Computer Crimes Investigator Community Liaison Officer School Resource Officer Patrol Officer	July 2011 – March 2013 December 2008 – July 2011

PROFESSIONAL
EXPERIENCE

Georgia Institute of Technology Police Department

Atlanta, Georgia

Patrol Officer

August 2007 – December 2008

National Security Agency

Fort George G. Meade, Maryland

Applied Research Mathematician

May 2006 – August 2006

GRANTS

National Nuclear Security Administration “*PTE DE-NA0002686: K-20 Cybersecurity Workforce Pipeline Consortium, (CECOR)*”, PI Marc Boumedine, Co-PI Jason Lewis.

Grant Number: F1040072

Grant Amount: \$1,300,000.00

Grant Period: 10/01/2014 – 09/30/2019

GRANT PANELS &
WORKSHOPS

National Science Foundation

Secure and Trustworthy Cyberspace (SaTC)

Grant Reviewer/Panelist

March 2018

National Science Foundation

Secure and Trustworthy Cyberspace (SaTC)

Grant Reviewer/Panelist

March 2017

National Science Foundation

Directorate for Computer & Information Science & Engineering (CISE)
CAREER Proposal Writing Workshop

Workshop Participant

April 2016

INVITED TALKS

J.R. Lewis: “The Effectiveness of Using a Raspberry PI as a Honeypot Sensor”, *The Network Forensics Workshop, IEEE Conference on Communications and Network Security*, Philadelphia, PA USA, October 2016.

PRESENTATIONS

J.R. Lewis: “Is Your Home Secretly a Confidential Informant for the Police: The Potential for Smart Home Devices to Serve as Evidence in Criminal Cases”, *70th 70th Annual Scientific Meeting of the American Academy of Forensic Sciences*, Seattle, WA, USA, February 2018.

J.R. Lewis: “The Effectiveness of Using a Raspberry PI as a Honeypot Sensor”, *The Network Forensics Workshop, IEEE Conference on Communications and Network Security*, Philadelphia, PA USA, October 2016.

J.R. Lewis: “Domination Critical Graphs with Arbitrary Independent Domination Numbers”, *Eighth Annual North Carolina Mini-Conference on Graph Theory, Combinatorics, and Computing*, Appalachian State University, April 2003.

J.R. Lewis, K. Richards, G. Zimmer: “New Approaches to Pebbling a Grid”, *Seventh Annual North Carolina Mini-Conference on Graph Theory, Combinatorics, and Computing*, Appalachian State University, April 2002.

D. Pike, J.R. Lewis: “Six Proofs of an Elementary Combinatorial Identity”, *Sixth Annual North Carolina Mini-Conference on Graph Theory, Combinatorics, and Computing*, Appalachian State University, April 2001.

J.R. Lewis, R. Ellis, K. Richards: “6174 - Kaprekar’s Constant”, *Sixth Annual North Carolina Mini-Conference on Graph Theory, Combinatorics, and Computing*, Appalachian State University, April 2001.

PUBLICATIONS

B.C. Dean, S.M. Hedetniemi, S.T. Hedetniemi, J.R. Lewis, and A.A. McRae: “Matchability and k -Maximal Matchings”, *Discrete Applied Mathematics*, 159(1):15–22, 2011.

J.R. Lewis, S.T. Hedetniemi, T.W. Haynes, and G.H. Fricke: “Vertex-Edge Domination”, *Utilitas Mathematica*, 81:193–214, 2010.

J.R. Lewis, T.W. Haynes, S.M. Hedetniemi, S.T. Hedetniemi, and P.J. Slater: “Differentials in Graphs”, *Utilitas Mathematica*, 69:43–54, 2006.

J.R. Lewis, R. Ellis: “Investigations into the Kaprekar Process”, *Rose-Hulman Undergraduate Mathematics Journal*, 3(2), 2002.

PROFESSIONAL
MEMBERSHIP

Association for Computing Machinery (ACM) **March 2014 – Present**

ACM Special Interest Group on Computer Science Education (SIGCSE) **March 2014 – Present**

Association of Digital Forensics, Security, and Law **January 2015 – Present**

American Academy of Forensic Sciences (AAFS) **February 2015 – Present**
Academy Fellow

Council of Forensic Science Educators **February 2016 – Present**

Institute of Electrical and Electronics Engineers (IEEE) **August 2016 – Present**

IEEE Communications Society **August 2016 – Present**