

**Ricky E. Green**  
University of South Alabama  
Information Systems and Technology  
(251)-460-7634  
Email: rgreen@southalabama.edu

## **Education**

MS, University of South Alabama, 2017.  
Major: Information Systems  
Supporting Areas of Emphasis: Information Assurance

BS, University of South Alabama, 2010.  
Major: Information Technology  
Supporting Areas of Emphasis: Networking

## **Academic, Government, Military and Professional Positions**

### **Academic - Post-Secondary**

Instructor, University of South Alabama. (August 1, 2018 - Present).

Adjunct Instructor, University of South Alabama. (January 1, 2018 - May 6, 2018).

### **Military**

E4, United States Army. (September 12, 1988 - September 12, 1992).

### **Professional**

IT Coordinator, Lenzing Fibers. (September 12, 2010 - August 15, 2018).

Systems Administrator, Logical Computer Solutions. (September 1, 2006 - September 11, 2010).

Network Administrator, Lenzing Fibers. (October 15, 1999 - August 15, 2006).

IT Specialist, Longs Human Resource Services. (June 1, 1997 - October 1, 1999).

IT Technician, Entre Computer Center. (September 1, 1993 - June 1, 1997).

IT Technician, Computerland. (January 1, 1993 - September 1, 1993).

## **Development Activities Attended**

Assisted in starting a new student organization, "3D Printing student organization," University of South Alabama, Mobile, United States. (January 8, 2022 - Present).

Research Group, "Digital Forensics Research Group," University of South Alabama, Mobile, Alabama, United States. (August 15, 2018 - Present).

Research Group, "Industry 4.0 (ICS) Research Group," University of South Alabama, Mobile, Alabama, United States. (August 15, 2018 - Present).

Workshop, "SoC Addressing Student Mental Health Workshop," University of South Alabama, Mobile, United States. (February 8, 2022).

Course Attended, "ISC673 Digital Investigations," University of South Alabama, Mobile, United States. (August 9, 2021 - December 5, 2021).

Annual required course, "Information Security Awareness Training," University of South Alabama, Mobile, United States. (October 28, 2021).

Workshop, "ILC Advanced Canvas Training Session on Content Creation," University of South Alabama, Mobile, United States. (October 7, 2021).

Workshop, "ILC Advanced Canvas Training Session on Course Flow and Modules," University of South Alabama, Mobile, United States. (October 7, 2021).

Workshop, "ILC Advanced Canvas Training Session on Grading and Feedback," University of South Alabama, Mobile, United States. (October 7, 2021).

Workshop, "ILC Advanced Canvas Training Session on Outcomes and Rubrics," University of South Alabama, Mobile, United States. (October 7, 2021).

Course Attended, "ISC675 Information Systems," University of South Alabama, Mobile, United States. (January 12, 2021 - May 5, 2021).

Judge for Science Fair, "Alabama State Science Fair Judge," Alabama Academy of Science, Birmingham, Alabama, USA. (April 10, 2021).

Annual required course, "Prevent Discrimination and Harassment Together (Staff)," University of South Alabama, Mobile, United States. (April 8, 2021).

Annual required course, "Prevent Discrimination and Harassment Together (Supervisors)," University of South Alabama, Mobile, United States. (April 8, 2021).

Annual required course, "Prevent Sexual Violence Together," University of South Alabama, Mobile, United States. (April 8, 2021).

Workshop, "Grant writing workshop," LEAP Empowerment, Mobile, United States. (March 27, 2021).

Course Attended, "ILC Strategic course design," University of South Alabama, Mobile, United States. (March 7, 2021 - March 26, 2021).

Seminar, "Using AWS EventBridge for Cross Account Event Management," Birmingham AWS Users Group, Mobile, United States. (February 25, 2021).

Course Attended, "ILC Open Source Tools for Academic Writing and Publication," University of South Alabama, Mobile, United States. (February 24, 2021).

Workshop, "ILC Increasing Student Participation with Pear Deck," University of South Alabama, Mobile, United States. (January 14, 2021).

Workshop, "ILC Using the Canvas Gradebook," University of South Alabama, Mobile, United States. (January 14, 2021).

Course Attended, "ISC629 Computing Ecosystems," University of South Alabama, Mobile, United States. (September 2020 - November 2020).

Course Attended, "Export Control Compliance for Faculty and Researchers," University of South Alabama, Mobile, United States. (October 1, 2020).

Course Attended, "Export Control Compliance for Students," University of South Alabama, Mobile, United States. (October 1, 2020).

Workshop, "ILC Lockdown Browser and Respondus Monitor," University of South Alabama, Mobile, United States. (September 23, 2020).

Workshop, "ILC Setting up your gradebook in Canvas," University of South Alabama, Mobile, United States. (September 3, 2020).

Workshop, "ILC Why Modules? Setting up your course," University of South Alabama, Mobile, United States. (August 20, 2020).

Workshop, "ILC Motivating your students to read with Perusall," University of South Alabama, Mobile, United States. (July 22, 2020).

Workshop, "ILC Quizzing in Canvas," University of South Alabama, Mobile, United States. (June 30, 2020).

Workshop, "ILC Rich Content Editor overview," University of South Alabama, Mobile, United States. (June 16, 2020).

Course Attended, "ISC686 Risk Analysis," University of South Alabama, Mobile, United States. (January 2020 - May 2020).

Lab tours for business partners, "Tours of the forensics lab," University of South Alabama, Mobile, United States. (January 1, 2020).

Workshop, "ILC Canvas Training," University of South Alabama, Mobile, United States. (November 19, 2019 - November 1, 2019).

Tutorial, "Digital Measures workshop," School of Computing, Mobile, AL, USA. (September 30, 2019).

Annual required training, "Prevent Sexual Violence Together," University of South Alabama, Mobile, United States. (April 15, 2019).

Annual required course, "Prevent Discrimination and Harassment Together (Staff)," University of South Alabama, Mobile, United States. (April 3, 2019).

Conference Attendance, "Ten65 Tech," City of Mobile Technology Leaders, Mobile, AL, USA. (October 6, 2018).

Annual required course, "Prevent Discrimination and Harassment Together (Staff)," University of South Alabama, Mobile, United States. (January 21, 2018).

Annual required course, "Prevent Discrimination and Harassment Together (Supervisors)," University of South Alabama, Mobile, United States. (January 21, 2018).

Annual required course, "Prevent Sexual Violence Together," University of South Alabama, Mobile, United States. (January 21, 2018).

## Awards and Honors

Upsilon Pi Epsilon, University of South Alabama. (April 4, 2017).

## TEACHING

### Teaching Experience

#### University of South Alabama

ISC 272, Systems Architecture, 11 courses.  
ISC 590, IS Sp Top -, 1 course.  
ITE 272, Systems Architecture, 11 courses.  
ITE 372, Advanced Operating Systems, 5 courses.  
ITE 382, Network Administration, 7 courses.  
ITE 384, Network Infrastructure Systems, 3 courses.  
ITE 476, Network Security Management, 5 courses.  
ITE 490, Special Topics, 2 courses.

### Directed Student Learning

Directed Individual/Independent Study, "Raspberry Pi cluster," Computer Science. (January 14, 2022 - Present).

Advised: Matthew Horne, Kevin Hughes, Chris Dunlap, William Whaley

Directed Individual/Independent Study, "HoneyPot," Information Systems and Technology. (October 15, 2020 - November 22, 2020).

Advised: Aliyah Williams

Directed Individual/Independent Study, "Small business wireless firewall," Information Systems and Technology. (October 8, 2020 - November 22, 2020).

Advised: John Pettway

Internship Advisor, "Nephele network storage monitoring system," Computer Science. (June 21, 2019 - June 4, 2020).

Advised: Kalyani Padaraju, Yeshwanth Nellikanti, Luke Madison, Hailey Ravine

Directed Individual/Independent Study, "Wireless network intrusion detector," Information Systems and Technology. (February 22, 2020 - May 1, 2020).

Advised: Stephen Murray

Directed Individual/Independent Study, "RFID Entry system," Information Systems and Technology. (January 2019 - April 2019).

Advised: Jonathan Brookshire

Directed Individual/Independent Study, "Network MAC Blocker," Information Systems and Technology. (November 18, 2018).

Advised: Jansen Deas

## RESEARCH

### Published Intellectual Contributions

#### Refereed Journal Articles

Black, M. E., Green, R. E. (2018). Server on a USB Port: A custom environment for teaching systems administration using the Raspberry Pi Zero. *Information Systems Education Journal (ISEDJ)*.

## **Presentations Given**

Green, R. E. (Presenter), Black, M. E. (Presenter), Demonstration of industry projects, "Industry 4.0 demonstration for Evonik," University of South Alabama, Shelby Hall Lab 2330. (May 9, 2019).

Green, R. E. (Presenter), Black, M. E. (Presenter), Demonstration of industry projects, "Industry 4.0 demonstration for Airbus," University of South Alabama, Shelby Hall Lab 2330. (April 30, 2019).

## **Contracts, Grants and Sponsored Research**

### **Contract**

#### **Funded**

Benton, R. G. (Supporting), Johnsten, T. (Supporting), Bourrie, D. M. (Supporting), Yasinsac, A. F., Chronister, L., Segev, A. (Supporting), Shropshire, J. D. (Supporting), McDonald, J. T. (Principal), Parks, O. (Supporting), Green, R. E. (Supporting), Damopoulos, D. (Supporting), Choubey, S. (Supporting), Datta, R. (Supporting), Jung, S. (Supporting), "Contract #140D0419-9-0004," Sponsored by Department of Interior, External to the University, \$7,100,000.00. (January 1, 2019 - December 31, 2021).

The goal of the project is to apply machine learning, artificial intelligence and visualization techniques to select platforms with the goal of minimizing the downtime due to maintenance issues.

### **Sponsored Research**

#### **Funded**

Black, M. E. (Principal), Green, R. E. (Co-Principal), "Increasing High Availability and Security in Critical Systems on Industrial Control Networks (DFII-1909)," Sponsored by Airbus-IUCRC, External to the University, \$25,000.00. (August 15, 2019 - July 31, 2020).

## **SERVICE**

### **University Service**

Committee Member, Safety and Environmental Committee. (February 21, 2020 - Present).

### **Professional Service**

IT Director for Project Jaguar, School of Computing, Mobile, AL. (January 15, 2020 - Present).

System administrator, CFITS, Mobile, AL. (August 2018 - Present).

### **Public Service**

Recruitment, Alabama School of Math and Science, Mobile, ALABAMA. (January 2015 - Present).

Officer, President/Elect/Past, Mobile Makerspace, Mobile, ALABAMA. (November 12, 2012 - Present).

## **Other Service**

### **Other**

Guest Speaker, CFITS. (January 19, 2022).

Meeting Attendee, Port City Security. (October 12, 2021).

Coach for programming team, Davidson High School. (June 7, 2021 - June 11, 2021).

Coach for programming team, Davidson High School. (June 3, 2019 - June 7, 2019).

Meeting Attendee, Docker User Group. (October 3, 2018).