

Demetrius Rice

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Experienced professional with demonstrated abilities to design, develop, and implement methods that help learners increase their knowledge and skill set and improve their performance.

Professional Experience

University of West Georgia, Carrollton, Georgia June 2023 – Present
Instructor, Department of Educational Technology and Foundations

- Facilitated the following courses;
 - Issues in Instructional Technologies (Su23, Fa23, Sp24, Su24)
 - Multiple Literacies in Education (Fa23)
 - Assessing Learning in Technology Enhanced Instruction (Sp24)

Florida State University, Tallahassee, Florida August 2017 – December 2022
Instructional Systems and Learning Technologies (ISLT) research, graduate & teaching assistant

- Design, develop, and implement instructional plans integrated with educational technologies resources to support instruction and learning.
- Facilitate trainings, workshops, and presentations to support the integration of instructional technologies by students, staff, and faculty.
- Perform maintenance and improvement of instructional technologies and resources.
- Plan and facilitate monthly knowledge exchange presentations featuring guest speakers from the ISLT program.
- Perform ongoing analysis of emerging technologies for instructional effectiveness and suitability across all subject areas.
- Develop and facilitate instruction, conduct field observations, evaluate performance, and provide technical support for students and instructors in the following courses:
 - Educational Technology (EME2040) course. (Sp21)
 - Classroom Instruction (SMT4301) course. (Fa20)
 - Project-Based Instruction (SMT4664) course (Fa19, Sp20)

SELECTED ACCOMPLISHMENTS/SPECIAL PROJECTS/AWARDS:

- Gagne/Briggs Outstanding Service Award recipient (2021)
- McKnight Doctoral Fellowship recipient (2019)
- Designed and facilitated the challenge activity modeling practice (Ch.A.M.P.), a proposed professional development model involving a partnership among instructional

design, science, mathematics and education university graduate students, and middle school administrators, teachers, and students (2019)

- Coordinate the ISLT program Alumni Knowledge Student exchange (ASKe) annual conferences (2018, 2019) and monthly Speaker Series (2020, 2021, 2022)

Tallahassee Community College, Tallahassee, Florida

October 2015 – August 2017

STEM Center Program Coordinator

- Manage STEM Center program staff and members
- Develop and facilitate academic and technical skills development opportunities
- Conduct STEM education outreach events in support of local K-12 programs.
- Manage the National Science Foundation (NSF) grant funded STEM STAR Scholar research and career development program.

SELECTED ACCOMPLISHMENTS/SPECIAL PROJECTS/AWARDS:

- Designed and facilitated STEM workshops for first-time college student participants during the Summer Bridge Program (2017)
- Secured a College Innovation Fund grant to support an Instructional Technology Laboratory project which provided training for staff and students on the integration of emerging instructional technologies (2016)
- Managed the physical and operational renovation of STEM Center (2016)

James Madison Preparatory High School, Madison, Florida

July 2014 – July 2015

Principal, STEM program director

- Supervise daily operations, employees, and technology infrastructure of the school.
- Establish school as a Certiport® industry level certification testing center.
- Implement and manage school-wide STEM program.
- Design, develop, and implement curriculum for the following courses:
 - Introduction to Engineering Design
 - Principles of Engineering
 - Digital Design I

SELECTED ACCOMPLISHMENTS/SPECIAL PROJECTS/AWARDS:

- Trained over 30 students to successfully earn the AutoDesk Inventor Certified User and Microsoft Office industry level certifications (2015)
- Secured a Florida Information Technology Career Alliance grant to provide 3D printing equipment, coding curriculum, and other STEM education resources (2015)

Amos P. Godby High School, Tallahassee, Florida

January 2010 – July 2014

Career and Technical Education (CTE) Academy Coordinator

- Manage CTE Academy instructors and Certiport® industry level certification testing.
- Develop and implement curriculum for the following courses:
 - Introduction to Engineering Design
 - Principles of Engineering

SELECTED ACCOMPLISHMENTS/SPECIAL PROJECTS/AWARDS:

- Established the Godby High School STEM Club and robotics team (2012)
- Glenn-Howell Distinguished Educator of the Year (2011)

United States Air Force Reserves, Eglin AFB, Florida

September 2003 – September 2009

Avionics Communications/Navigation Mission System Technician; Rank E-5

- Analyze technical orders, job guides, fault isolation manuals, wiring diagrams, and schematics in support of the MC-130(E) Combat Talon I aircraft operations

SELECTED ACCOMPLISHMENTS/SPECIAL PROJECTS/AWARDS:

- Recipient of the Afghanistan Campaign and Air Force Expeditionary Medals for service in support of Operation ENDURING FREEDOM, Bagram Air Base, Afghanistan

Education

Florida State University, Tallahassee, FL December 2022
Doctor of Philosophy; Instructional Systems and Learning Technologies

Florida State University, Tallahassee, FL December 2008
Bachelor of Science; Secondary Mathematics & Science Teaching

Tallahassee Community College, Tallahassee, FL April 2006
Associate of Arts; General Education

United State Air Force Technical Training School, Keesler AFB, MS September 2004
Communications/Navigation/Mission Systems Program

United State Air Force Technical Training School, Sheppard AFB, TX April 2004
Electronic Principles Program

Community Service

Leon County School District: Talent Development Institute 2021

- Presented monthly career and technical education workshops for 6-12 grade students
- Designed and facilitated coding camp for 6-8 grade students using Edison robotics

STEMineers program: Tech Design Challenge week 2020

- Designed and facilitated coding and robotics challenges activities for 6-8 grade students

Florida Agricultural & Mechanical University: Annual Women in STEM Day 2020

- Provided robotics training and support for event staff and participants

FAMU-FSU College of Engineering: Annual Open House 2020

- Designed and coordinated interactive robotics demonstrations for event participants

FSU College of Education: Challenge Activity Summer Camp 2019

- Designed, developed, and facilitated challenge activities for 6-8 grade students using Scratch coding application and Edison robotics

Leon County School District: STEAM Expo 2019

- Judged of elementary student engineering projects submissions which included providing students with constructive comments and formative feedback of their project

Leon County School District STEAM Symposium: Coding Applications 2018

- Designed, developed, and implemented an experiential learning activity that introduced elementary school students and teachers to Scratch software and basic coding practices

FAMU-FSU College of Engineering: First Lego League Robotics Scrimmage 2018

- Judged and evaluated teams' presentation of the resources they utilized to formulate their

understanding and proposed solution to the problem they have identified

Florida State University: STEM Day at the College of Education

2017

- Coordinated 3D printing, biology, mathematics, and robotics interactive activities and demonstrations for students and staff from the Leon County Schools district