

**EDUCATION**

NOVA Southeastern University, Fort Lauderdale, FL <b>EdD. in Information Technology and Distance Education</b>	<b>2020</b>
North Carolina A & T University, Greensboro, NC <b>M.S. in Computer Science</b> <b>with Graduate Certificate in Information Security and Privacy</b> Graduated Summa Cum Laude	<b>2003</b>
University of North Carolina at Greensboro, Greensboro, NC <b>B.S. in Computer Science with Minor in Mathematics</b>	<b>2002</b>
Craven Community College, New Bern, NC <b>A.A.S. in Networking Technology</b>	<b>2000</b>
United States Marine Corps, Havelock, NC <b>Automated Information Systems (AIS) Computer Operator</b>	<b>1997</b>

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**AWARDS**

Phi Theta Kappa Faculty Scholar	<b>2020</b>
Phi Theta Kappa Distinguished Advisor	<b>2019</b>
Dale P. Parnell Distinguished Faculty designation, AACC	<b>2018</b>
NSF Cybersecurity Grant Private Investigator (Awarded) - \$223,928.00	<b>2018</b>
NSF Cloud Computing Grant (Awarded) - \$213,714.00	<b>2018</b>
Robert Russell Memorial Foundation Endowed Teaching Chair	<b>2017</b>
IEEE Outstanding Branch Counselor	<b>2008</b>
Phi Theta Kappa Honorary Member	<b>2005</b>

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**INDUSTRY CERTIFICATIONS**

Certified Secure Computer User (C/SCU)	<b>2020</b>
Certified Ethical Hacker	<b>2019</b>
Certified Network Defense Architect	<b>2019</b>
AWS Solutions Architect Associate	<b>2019</b>
AWS Cloud Practitioner	<b>2019</b>
ACUE Effective College Instruction	<b>2019</b>
CompTIA Cloud Essentials	<b>2019</b>
CompTIA Security+	<b>2017</b>
CompTIA A+	
Microsoft Certified Systems Engineer	

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## TEACHING EXPERIENCE

Miami Dade College, Miami, FL

### **Associate Professor, Senior**

**8/2004-Present**

- Taught various courses in the area of Information Systems and Computer Science.
- Helped initiate a Cyber Security Program. During the summer of 2017 taught a Cybersecurity Bootcamp and helped 100% of the students obtain the industry certification. In Spring of 2018 will commence teaching the Security class as a credit course
- Was awarded multiple grants for the creation of Cybersecurity and Cloud Computing Programs:
  - NSF Cybersecurity Grant Private Investigator - \$223,928.00 **2018**
    - Award Abstract #1800958
    - The Cybersecurity Opportunities and Methods that Promote Access and Student Success project at Miami Dade College in Florida aims to increase the diversity of students entering the cybersecurity workforce.
  - NSF Cloud Computing Grant CO-PI - \$213,714.00 **2018**
    - Award Abstract #1801024
    - this project at Miami Dade College InterAmerican Campus aims to develop and implement a new educational pathway in cloud computing
- College wide CASSC (College Academic & Student Support Council)
  - Member 2010-2012
    - **Chair** 2011-2012
  - Member 2016-2018
    - **Chair** 2017-2018
- Served as member of committees in charge of updating courses and establishing new courses. Assisted with the development of a new curriculum in the area of networking and developing new classes in the areas of Wireless communication and Information Security.
- Taught InterDisciplinary Honors (IDH) courses (Leadership Courses).
- Lead advisor of Engineers for a Sustainable World (ESW).
  - Supervised the creation of a Solar Power Smoothie Car.
  - Supervised the creation of Solar Power Cellphone Charging Stations.
- Started an IEEE (Institute for Electrical and Electronic Engineers) Chapter – Served as Lead-Advisor.
- Lead-Advisor of Phi Theta Kappa (2005-2009 and 2014 to present) – Honor Society. Helped students obtain over \$1,200,000 in scholarship money in the last 6 years.
- Oversaw and advise a Cancer Awareness Project that included its very own 5K walk, Workshops and seminars, and a Festival for the Cures. Project raised over \$21,000 to be donated to Foundations working on Cancer research.
- Lead Advisor of SAID (Students Aiding International Development) – Hosted 3 Concerts and fundraised over \$80,000.00 to Aid Haiti and Congo.
- Lead Faculty – Honors College.
- Chair and Founder of the Veteran's Commemoration Month Committee – This initiative was started in Fall of 2006 (15 years) to commemorate Veterans. Currently the Campus Honors the Month of November as Veterans Commemoration Month. The committee develops a series of events throughout the month.
- Developed courses for the Virtual College.
  - Intro to CyberSecurity
  - Intro to Networking
  - Intro to Operating Systems
- Member of a collegewide committee in charge of recommending the new LMS (Learning Management System) implemented in the college.

- Teach for Center for Institutional and Organizational Learning (CIOL) – Currently teaching the Spring Break Seminar (since 2007).

Craven Community College, New Bern, NC

**Adjunct Instructor**

**1998-2000**

Developed syllabus and overall course structure and administered all grades. Taught Operating Systems and Networking courses.

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**RELATED EXPERIENCE**

NAVSEA, Indian Head, MD

**4/2003-8/2004**

**Programming Analyst**

- Assisted in the correction and analysis of scripts in C language and SQL
- Revised program narratives to ensure that the overall specifications were met
- Designed matrix to map individual program functions to corresponding I/O interface

**Chem-Bio Project (Information Assurance Associate)**

- Developed the security documentation for the Web Server, including the System Security Authorization Agreement (SSAA)
- Determined the configuration and hosting location for the management system Web Server Architecture
- Developed a System Improvement Request (SIR) database for Chem-Bio (Chemical and Biological Defense System)

**Information Assurance Associate**

- Developed Information Assurance solutions
- Revised, updated and developed security documentation
- Assisted with the development of Infrastructure Project (inventory and security documentation)

Pepsi Co., Winston Salem, NC

**8/2000-4/2003**

**Production Technician (Data Analyst)**

- Helped support different platforms: Unix, Windows 2000, Windows NT, Novell
- Created scripts to assist in the monitoring of the systems
- Performed routine backups of over 300 servers and mainframes
- Created/Updated SOPs (Standard Operating Procedures)
- Ensured systems were functional and directed problems to proper support groups

United States Marine Corps, Cherry Point, NC

**6/1996-6/2000**

**Automated Information Systems (AIS) Administrator**

- Installed, configured, and monitored Local/Wide Area Networks (hardware/software)
- Performed backups of Unix, NT and Novell servers
- Provided Customer Support (Help Desk) and Network administration
- Created/Maintained e-mail accounts for over 1200 users
- Maintained, troubleshoot, and repaired PCs
- Provided technical training and assistance in all areas of Data Processing
- Ran daily reports and continuously updated databases by compiling, entering and processing information.

## **LANGUAGES**

English  
Spanish – Native

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## **MEMBERSHIPS**

PTK – Phi Theta Kappa  
IEEE – Institute of Electrical and Electronics Engineers  
ACM – Association for Computing Machinery  
KDP – Kappa Delta Pi