



# School of Information Technology

Spring Edition 2018

# Instructors in the Real World

## Professor Nelbert St. Clair

Prof. St. Clair inspires students to begin a career in the field of Information Technology. He brings to the Cyber education world, 22 years of military knowledge, experience in leadership and security (by serving in the National Guard including two deployments), 14 years in the private sector and 8 years working for the federal government. Mr. St. Clair's main focus is cybersecurity but he enjoys recruiting new students. He also partners with local businesses, to provide cyber education and services to the community, with the help of MGA's students. In his free time (LOL), he enjoys life with his wife and four daughters.



## Professor Tina Ashford

My name is Tina Ashford and I came to MGA (then Macon State College) in 1998, so this will be my 20th year at our fine institution. I've taught a wide variety of courses over the years, but recently I've been focusing on the Introduction to IT and the Legal and Ethical Issues in IT courses. I enjoy interacting with students and invite you all to stop by my office in PSC 330 if you ever have any questions or just want to talk about my rather large collection of sci-fi memorabilia I have on display. Off campus, I enjoy horseback riding with my American Saddlebred and Paso Fino mares and fostering my son's love of vintage computing. As a family, my husband, son, and I all enjoy skiing and hiking, which provide a nice break from sitting at a keyboard all day long. I hope you enjoy your time here at MGA and make the most of this very special time in your life. Good luck in all your studies! -TA



## Doctor Yingfeng Wang

Dr. Yingfeng Wang is interested in exploring the world using machine learning, which applies learning machines to extract patterns from data. Dr. Wang prefers to use grammar tools as white-box learning machines. In his Ph.D. career, he used context-free grammar to analyze DNAs. After that, he used graph grammar to investigate metabolomics data of tandem mass spectrometry (MS/MS). He did not only develop a state-of-the-art tool for computationally identifying metabolites, but also developed the first and only computational tool for investigating fragmentation rules of MS/MS in metabolomics. Currently, he is also interested in analyzing social media data. In addition, Dr. Wang teaches courses related to software engineering.



## Professor Alan Stines

"I started working for Middle Georgia State University as a student at the technology help desk in the Library on the Macon Campus many years ago. After graduation, I became interested in a position to be a web developer in the Office of Technology Resources. I served at this post for many years. I then became an adjunct professor, and finally, a Full-time professor. One of my best pieces of advice for students is, as Yoda said, 'Do, or do not. There is no try.' Do not be afraid to fail. One of the craziest things students might be surprised to hear about me is that I've been hustled off-campus for skateboarding at 3 a.m. more than once in my life."



## Need Help?? Schedule a Tutoring Appointment!

[mga.mywconline.com](http://mga.mywconline.com)

Michael Koohang

Covers the Following:

- ITEC 2260 - Intro to Computer Programming
- ITEC 2270 - Application Development
- ITEC 2380 - Web Development
- ITEC 3250 - Software Engineering
- ITEC 3245 - Database Principles
- ITEC 3264 - Data Structures and Algorithm Analysis
- ITEC 4261 - Java Programming



KEEP A LOOK OUT FOR  
QUESTIONS IN YOUR EMAIL FOR  
A CHANCE TO WIN A PRIZE!

FIRST STUDENT TO RESPOND  
WINS!



## Cyber Knights

### Join the Team!!

Cyber Knights meet on Tuesdays from 1:30p.m.-4p.m. and on Wednesdays from 3p.m.-5p.m. in room PSC 257.



## Job listings and Internships

For Information about job listings and Internships, please contact

Tina Ashford.

tina.ashford@mga.edu

Or visit our Bulletin Board in the IT Department.

## Events

- Second Annual Academic Cyber Security Seminar (Feb. 21):**  
 Designed to bring together students, professors, professionals and leaders for an annual discussion on cybersecurity topics. We are committed to having a diverse range of speakers from Middle Georgia and other parts of the United States.
- Cyber Security Seminar in Washington DC (May 13th-24th):**  
 This program will focus on current issues surrounding the protection of U.S. interests at home, abroad and in cyberspace. You'll engage with leaders in the field and gain access to organizations throughout D.C. with national security connections. You will also get academic credit for this trip. Seminar Fees: \$2,295 (housing included)\* and the Travel/Food cost estimate: \$350-\$450 (we may have fundraising events). If you are interested, please contact Professor St. Clair, Nelsonbert.stclair@mga.edu.
- Community Health Hackathon (March 16-18):** Begin forming teams. More information to be released in February.
- Robins Air Force Base Spring Tech Expo and Cybersecurity Forum (March 7th):** at Museum of Aviation Robins AFB, Warner Robins, GA

## Second Annual Academic Cyber Security Seminar

**WHEN**  
 Wednesday, February 21st,  
 2018 8am-5pm

**COST**  
**FREE**

**WHERE**  
 Middle Georgia State University-  
 Macon Robert F. Hatcher Sr.  
 Conference Center

**WHO SHOULD ATTEND**  
 Students, IT & Security Practitioners,  
 Academics, Community members,  
 Critical Infrastructure workers,  
 Business professionals

### SPONSORS

**FEATURING GUEST FROM** • National Security Agency • Middle Georgia State University • Robins Air Force Base • State Bank & Trust • Dakota State University • Ernst & Young • EG-Council • Robert Morris University • and more



CompTIA

\*\* Earn DOD 8570 Certification CEU (Continuing Education Units) for attending the seminar

[WWW.MGA.EDU/ACS](http://WWW.MGA.EDU/ACS)

### Dean's Awards

- Excellence in Teaching Award: Professor Alan Stines
- Excellence in Service Award: Dr. Johnathan Yerby
- Excellence in Scholarship: Dr. Myungjae Kwak

## Designations

- MGA is designated as a **National Center of Academic Excellence in Cyber Defense Education**: This award is given to the programs who have met the criteria for measuring the depth and maturity of established programs in the field of Cyber Defense Education.



- MGA is designated as a **National Center of Digital Forensics Academic Excellence** by the Department of Defense Cyber Crime Center: This award is given to the programs who have been found to meet or exceed the standards and requirements of the Center of Digital Forensics Academic Excellence.



### Dean's List Fall 2017

Heather Ballard	Michael Matthews	Zachery Johnson	Tristan Newbille
Harsh Patel	Ronak Brahmhatt	Harrison Jones	Andrew Paterno
Timothy Purdy	Duane Crampton	Jonny Jordan	Jordan Pierce
Andrew Dixon	Jamison Hampton	Sean Kessinger	Richard Price
Cody Lee	Teralonjha Byer	Bryan Leach	Madison Pyles
Kevin Adams	Anthony Cappas	Chase Ledoux	Thomas Pyles
Franklin Arthur	Teri Collins	Jonathan Lesage	Epifanio Ramos
Nicholas Balkom	Johnathan Conrad	Brandon Lewis	Tyler Rasmussen
Jason Barnes	Jesus Cortes	Bria Lewis	Steven Renshaw
Mark Beaty	Nathan Dundon	Nicholas Marshall	Adam Richards
Alexis Bombard	Joel Gregory	Jason Matzke	Evan Robirts
Bryan Boyd	William Harrell III	Zaylen McCoy	Jonas Ruiz
Devon Brown	Dennis Henderson	Cody Mitchell	Mashawn Rumph
Ryan Bruzan	Quentin Hurlburt	Trecia Motley	Michael Sgroe
Alondra Burne	Breanna Jackson	Thomas Mullis	Caleb Shelton
Dalton Spearman	Jarvis Walker	Jacob Way	Christy Wheeler
Howard Wicks	Isaiah Williams	Robert Williams	Daniel Depuy

# Have you Picked a Concentration Yet?

## Cyber Forensics:

- Focuses on using scientific methods to ensure the preservation and integrity of the investigation
- Teaches students the digital forensics process of acquisition, analysis, and reporting
- Covers the tools and processes for handling digital evidence

## Network Technology and

### Administration:

- Educates students in the use of current concepts and technologies of networking
- Teaches students how to design and build networks to meet the needs of organizations
- Prepares students for positions in networking and systems administration

## Software Engineering:

- Exposes students to the foundational knowledge and practical skills needed for constructing quality software
- Prepares students to apply a systematic approach to the development, operation, and maintenance for a variety of software solutions

## Digital Media and Game Design:

- Prepares students to develop competencies in designing, developing, and implementing digital media products to meet user needs
- Prepares students for careers such as digital media designers and developers, game developers, multimedia specialists and trainers

## Web Applications Development:

- Prepares students for the design, development, and implementation of web-based application solutions
- Readies students for a variety of careers including web development, software or systems developers, web application developers, and database programmers

## Cyber Security:

- Involves detecting, reporting, and responding to cyber threats
- Teaches students the appropriate measures to take to ensure the security of valuable information
- Covers server and network security, incident response and contingency planning, conducting vulnerability assessments and penetration testing