

**Curriculum Vitae for  
Eges Egedigwe, Ph.D.**

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**Education:**

Doctor, Computer Information Systems	Ph.D.	<a href="#">Nova Southeastern University</a>
Masters degree in Computer Science/Math	M.S.	<a href="#">Clark-Atlanta University</a>
Masters degree in Finance/Accounting	MBA	<a href="#">Atlanta University</a>
Bachelor degree in Business/Math	B.S.	<a href="#">University of Ife</a>

**Teaching Experience:**

Computer Science 1301/1401	An Overview of computer systems hardware, operating systems, and microcomputer application software, including the Internet, word processing, spreadsheets, presentation graphics, and databases are introduced. Current issues such as the effect of computers on society, and the history and use of computers in business, educational, and other modern settings are also studied.
Business Computing 1405	The main focus of this course is on business applications of software, including word processing, spreadsheets, databases, presentation graphics, and business-oriented use of the Internet.
Computer Science 1436	This course introduces the fundamental concepts of structured programming, and provides a comprehensive introduction to programming for computer science and technology majors. Topics include software development methodology, data types, control structures, functions, arrays, and the mechanics of running, testing, and debugging.
Computer Science 1437	This course focuses on the object-oriented programming paradigm, emphasizing the definition and use of classes along with fundamentals of object-oriented design. The course includes basic analysis of algorithms, searching and sorting techniques, and an introduction to software engineering processes. Students will apply techniques for testing and debugging software. This

course may use instructional examples and assignments from various programming languages including but not limited to C, Objective-C, C++, and/or Java.

#### Computer Information Technology 1429

Problem-solving applying structured techniques and representation of algorithms using design tools. Includes an introduction to programming, testing, evaluation, and documentation.

#### Computer Information Security 1400

This course introduces the fundamentals of information security, which include vocabulary and terminology, ethics, the legal environment, and risk management. Identification of exposures and vulnerabilities and appropriate countermeasures are addressed. The importance of appropriate planning, policies and controls is also discussed.

#### Computer Information Technology 1407

Introduction to database theory and the practical applications of a database. The topics covered include terminology, database design, table structures, report forms, queries and macros. Specifically, this course offers the opportunity to work with Microsoft Access 2013, a database management system program.

#### Computer Information Technology 1445

This is an introduction to the design and creation of relational databases using Oracle. Topics covered include storing, retrieving, updating, and displaying data using Structured Query Language (SQL).

#### Computer Information Technology 1404

Skill development in the use of a spreadsheet software package. The topics cover worksheet creation and manipulation functions, templates, macro programming database functions, data table features, and graphics. Specifically, this course offers the opportunity to work with Microsoft Excel 2013, a spreadsheet program.

#### Computer Information Technology 1425

This course covers instruction in networking technologies and their implementation. Topics include the OSI reference model,

network protocols, transmission media, and networking hardware and software.

### **Teaching Positions at Colleges/Universities:**

Eastfield College

Professor of Computer Science - I started teaching computer courses for Eastfield/DCCCD Colleges in the areas of applications development, computer networks, security systems & analysis, database analysis/design, and software systems. These courses include on-campus and online classes. I have upgraded my expertise to include technologies in the following areas: Object oriented applications, such as VB, C#, Java, Python, PHP, and web servers; and Databases and SQL/Oracle, z/OS/Large System tools by IBM, Microsoft.

Texas A&M University, Commerce, TX

Taught graduate level classes in Computer Networks - CSCI 525 (online/face-to-face) - as an Adjunct Instructor of Computer Science since Spring of 2016 until present.

DeVry Institute of Technology, Dallas, TX

Adjunct Faculty – Taught Computer Network and Networking Technologies in Spring and Fall semesters of 1996.

Claflin University, Orangeburg, SC

Director of Computer Center/Faculty – Network/Systems Administrator for the university and also taught Computer Science courses, Numerical Methods, Differential Equations

Orangeburg Calhoun Technical College, Orangeburg, SC

Adjunct Faculty – Taught Computer Science, Computer Information Systems, and Desktop publishing software

Voorhees College, Denmark, SC

Adjunct Faculty – Taught Financial Accounting, Finance, Marketing, Computer Science, and Computer Information Systems.

Spelman College, Atlanta, GA

Adjunct Instructor - Taught “Computer Literacy for Faculty” and “Summer Enrichment Programs for Staff”

### **Publications and Papers:**

Egedigwe, E. (2018). Service Quality and Perceived Value of Cloud Computing-Based Service Encounters. *IGI Global*

*Encyclopedia of Information Science and Technology, Fourth Edition*, 1129-1140. doi: 10.4018/978-1-5225-2255-3.ch097

Egedigwe, E. (2015). Service Quality and Perceived Value of Cloud Computing-Based Service Encounters: Evaluation of Instructor Perceived Service Quality in Higher Education in Texas. Doctoral dissertation. Nova Southeastern University. Retrieved from NSUWorks, Graduate School of Computer and Information Sciences. [http://nsuworks.nova.edu/gscis\\_etd/54](http://nsuworks.nova.edu/gscis_etd/54)

### **Academic Presentations:**

Guest Speaker for a Communication Club – Helping the Poor at EFC, Mesquite

Guest Speaker at a Discussion Forum and Awareness Day for a Middle School, Dallas, TX – Topic: Ubiquitous Computing

### **Teaching Interest:**

- Information Systems Security & Management
- Network Management
- Programming Languages
- Data Structures
- Cloud Computing services, adoption, impact and security
- Management Information Systems (MIS)
- Computer Applications in the Public Sector
- System Analysis and Design
- Health Informatics
- E-learning and Mobile learning
- Operating Systems
- Database Design/Management
- Information and communication technology
- IS Research Methods
  - Quantitative Research Methodology
  - Structural Equation Modeling (SEM) Techniques