

# Jim Littleton

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School of Computing • University of North Florida • 1 UNF Drive • Jacksonville, FL 32224-7699

## CURRENT POSITION

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Instructor for the School of Computing at the University of North Florida.

## EDUCATION

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**Master of Science in Computer and Information Science** – Software Engineering  
University of North Florida School of Computing, Jacksonville, FL (August 2012)  
Advisor: F. Layne Wallace, Ph.D. Thesis Title: *ColorDots: An Intersection Analysis Resistant Graphical Password Scheme for the Prevention of Shoulder-surfing Attack.*

**Bachelor of Science in Computer and Information Science**  
University of North Florida School of Computing, Jacksonville, FL (April 2009)  
Major: Information Science  
Minor: Computer Science

**Associate of Arts**  
Florida Community College at Jacksonville (FCCJ), Jacksonville, FL (December 2006)

**Associate of Science** – Computer Information Systems Analysis  
Florida Community College at Jacksonville (FCCJ), Jacksonville, FL (December 2000)

## TEACHING EXPERIENCE

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School of Computing, University of North Florida, Jacksonville, FL

**Instructor**, August 2014 – present

**Visiting Instructor**, August 2012 – August 2014

**Adjunct Instructor**, January 2011 – August 2012

Teach undergraduate distance learning and face-to-face courses in computer ethics, software engineering, computing systems, software applications and computer fundamentals.

Center for Professional Development and Training, University of North Florida, Jacksonville, FL

**Instructor**, August 2013 – present

Provide training on Microsoft Excel and Access training to UNF faculty, staff and students.

School of Computing, University of North Florida, Jacksonville, FL

**Tutor**, January 2010 – December 2010

**Tutor**, May 2008 – July 2008

Tutored computing students in the C, Java and Visual Basic programming languages.

## COURSES TAUGHT

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Computer Applications for Business (CGS1100)  
Computer Science I (COP2220)  
Data Structures Using OOP (COP3538)  
Human Factors and Collaborative Computing (CDA4010)  
Information Processing: An Organizational Perspective (CGS4307)  
Introduction to Object Oriented Programming (COP2551)  
Introduction to Visual and Procedural Programming (COP2010)  
Legal and Ethical Issues in Computing (CIS4253)  
Microcomputer Application Software (CGS1570)  
Operating Systems (COP4610)  
Operating Systems Environments and Administration (COP4640)  
Web Access and System Design (COP3855)

## AWARDS AND HONORS

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Spotlight Presenter for Third Annual Academic Technology Innovation Symposium, 2015  
Outstanding Undergraduate Teaching Award (Nominated), 2013  
Service award for IEEE SouthEastCon 2013 (Technical Program Vice-Chair), 2013  
Inducted into Upsilon Pi Epsilon (UPE) Honor Society (University of Florida chapter), 2011

## UNIVERSITY SERVICES

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### Department level

- School of Computing Assistant Professor (Information Systems) Search Committee, 2015
- School of Computing Instructor/Advisor Search Committee, 2014
- Assessment Committee, 2014 – present
- Faculty Advisor for Student Chapter of the IEEE Computer Society, 2013 – present
- School of Computing Symposium Committee, 2012 – present

### College level

- Skinner-Jones Hall Computing Focus Group (January 2014 – Present)
- STEM Living and Learning Community, 2013 – present

### University level

- Calendar Committee, 2014 – present
- University Appeals Committee, 2014 – present

## PROFESSIONAL EXPERIENCE

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Lender Processing Services, Jacksonville, FL

**Software Developer** (August 2011 – August 2012)

- Supported mortgage processing web services through the development of new software functionality and correcting identified software issues.
- Coordinated with project managers to document, design, implement, and test new features for existing software applications and web services.

Allstate Benefits, Jacksonville, FL

**Software Developer** (April 2011 – August 2011)

- Supported multi-tier software applications including desktop and web applications and services.
- Coordinated with business analysts to document, design, implement, and test new features and functionality.
- Created software tools to assist developers with analyzing and testing application code.

Blue Cross-Blue Shield of Florida, Jacksonville, FL

**Software Developer** (August 2010 – April 2011)

- Created reporting applications connected to an enterprise data warehouse.
- Developed a project tracking system for the Information Management department.
- Developed software applications to automate and streamline team processes and tasks.

Graduate Software Engineering Project for the Jacksonville Sheriff's Office, Jacksonville, FL

**Software Developer/Project Manager** (May 2010 – August 2010)

- Designed an explosive charge management system for the JSO Bomb Squad.
- Served as project manager on a team of 3 graduate student software developers.

Adtec Digital, Jacksonville, FL

**Software Developer/IT Manager** (August 2005 – August 2010)

- Designed and developed TCP packet-level tools for testing closed captioning protocols.
- Performed software maintenance for a Java IPTV system with over 10,000 global clients.
- Researched new technologies to improve server-based products.
- Managed over 100 Windows, Linux, and Apple servers and desktop computers.
- Designed hardware/software configurations to support company products and services.
- Designed and configured server equipment to support ad hoc projects and research.

United States Navy and United States Navy Reserve, Jacksonville, FL

**Various Positions** (October 1988 – August 2005)

- Systems Administrator
  - Supervised the management and maintenance of over 1000 Windows, Unix/Linux and Apple servers and desktop computers and ancillary equipment.
  - Negotiated contracts and services with vendors.
  - Managed \$200,000 annual computing budget.
  - Supervised training programs responsible for training computing personnel.
- Training Supervisor
  - Developed and conducted IT-related training to conform with the Navy's Radioman to Information Systems Technician conversion initiative.
  - Conducted IT-related training lectures to over 500 naval personnel during the Navy's Radioman to Information Systems Technician conversion initiative.
- Network Administrator
  - Managed the operation and maintenance of over 500 networked computing devices involving Local- and Wide-Area Networks.
  - Participated in the design, implementation and management of three Base-Area Networks connecting Naval Air Station Jacksonville, Naval Station Mayport and Naval Submarine Station Kings Bay.

- Computer/Network Security Manager
  - Developed and supervised computer and network security program.
  - Managed antivirus and firewall systems to reduce infections and identify vulnerabilities in system hardware and software.
- Technical Support Manager
  - Managed technical support department supervising the scheduling and training of hardware and software technicians.
  - Worked directly with network and systems administrators.
  - Supervised hardware/software inventory programs.
- Hardware/Software Technician
  - Maintained and repaired computer hardware.
  - Installed and updated computer software.

#### PROFESSIONAL SERVICES

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Workshop Coordinator for North Florida Expanding Your Horizons Conference, 2015 – present  
Competition Judge for Florida Regional Botball Robotics Competition, 2014 – present  
Technical Program Vice-Chair/IEEE SouthEastCon 2013, April 4 – 7, Florida, USA.

#### PROFESSIONAL AND ACADEMIC MEMBERSHIPS

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Association for Computing Machinery (ACM), Since 2010  
IEEE Computer Society, Since 2010  
Upsilon Pi Epsilon (UPE), Since 2011