

KARINA R. LILES

CURRICULUM VITAE

University of South Carolina
Computer Science and Engineering

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EDUCATION

PhD Candidate, University of South Carolina

M.Ed. Educational Technology, University of South Carolina (2010-2012)

B.S. Computer Science, Spelman College, Georgia (2003-2007)

INDUSTRY EXPERIENCE

AT&T - Account Management Operations, IT Analyst, Alpharetta, GA (Jan. 2009–Oct. 2009)

- Supported IT strategy, planning and business integration with AT&T Mobility and Consumer Markets
- Evaluated/Approved Requests (Staffing, Project, Travel, Devices/Features) as Consumer IT Vice President's delegate
- Focused on recovery plan development, business unit and emergency response exercises, crisis communication planning and execution, and evaluation and implementation of business continuity plan software and notification tools as Business Continuity Plan Steward
- Redeveloped the department's business continuity plan to fit the organization's needs
- Ensured Corporate Compliance of all employees across AT&T Mobility (i.e. communicated specific training plans to employees, tracked training records and issued program certifications)

AT&T - Release Management, Associate IT Analyst, Alpharetta, GA (Jan. 2008–Dec. 2008)

- Developed an application that streamlined department operations (i.e. managing project hours, organizing projects by type, cost, and project manager)
- Worked with project managers to ensure current project status were being documented, tracked, and reported
- Communicated any delivery constraints or restrictions and worked with project managers to assess next steps
- Generated and presented project reports on details of the project including hours spent on projects and cost of projects

Merrill Lynch - Liquidity & Risk Technology, Technology Analyst, New York, NY (Summer 2007)

- Investigated/Documented Very Large Database (VLDB) migration within Liquidity and Risk Technology and features and properties of several databases
- Implemented strategies to determine the Critical Path of Jobs
- Helped redesign the Merrill Lynch EPSG site as a portal

HONORS & AWARDS

- Computer Science Department Honors (2007)
- National Society of Collegiate Scholars (2007)
- Georgia Tech Intel Opportunity Scholar (2006-2007)
- Xerox Scholar (2004-2007)
- Spelman College Model Institutions for Excellence (2004-2006)

PRESENTATIONS

Liles, K. R., Beer, J. M. (2014, April). Measuring the Effectiveness and Sociability of Ms. An, The Robot Teaching Assistant, University of South Carolina Graduate Student Day

TEACHING EXPERIENCE

Instructor

Algorithmic Design I Lab (co-taught), University of South Carolina (Fall 2013)

- Undergraduate computer science course
- Major duties included: managed lab activities and assignments, prepared and provided presentations on lab topics, graded quizzes, lab assignments and tests

Introduction to Computers, Northeastern Technical College (Fall 2012)

- Major duties included: prepared materials and facilitated online learning, oversaw class projects, and graded assignments

Developmental English, Northeastern Technical College (Fall 2011, Spring 2012)

- Developmental learning course
- Major duties included: developed and provided course lectures, managed in-class group activities, created assignments/exams, determined final grades

Developmental Reading, Northeastern Technical College (Fall 2011, Spring 2012)

- Developmental learning course
- Major duties included: developed and provided course lectures, managed in-class group activities, created assignments/exams, determined final grades

Guest Lecturer

Introductions to Computer Concepts, University of South Carolina (Spring 2014)

- Undergraduate Computer Science Course Lectured on “Robotics”
- Instructor: Dr. Laura Boccanfuso

PROFESSIONAL SERVICE AND EXPERIENCE

Graduate Research Assistant – University of South Carolina (2014-current)

- Assist with research conducted in the Assistive Robotics and Technology Laboratory
Major duties include: designing experiments, testing participants, conducting literature reviews, coding and analyzing data, and preparing and presenting findings.

Webmaster – Assistive Robotics and Technology Laboratory (2014-current)

- Responsible for content development, management, and maintenance of the website <http://artlab.cse.sc.edu>

MEMBERSHIPS

National Society of Black Engineers - Member (2003-2007)

Spelman College Association for Computing and Machinery - Vice President (2003- 2005)

Spelman College Programming Team – Member (2003–2005)

CERTIFICATIONS, TRAINING AND WORKSHOPS

Gerontechnology – University of South Carolina (2013-2014)

- Learn basic principles of Design Thinking and start to adapt them into personal and professional routines
- How Longer Lives and Technology Developments are Changing How We Live
- A Technology Agenda for Aging and Aged People
- Foundations of Gerontechnology
- Introduction to Human Robot Interaction for Gerontechnology

University of South Carolina Institutional Review Board – University of South Carolina (2014)

- Protection of Human Research Subjects course, certified to test human subjects

GRADUATE COURSEWORK

Computer Science and Engineering:

- Compiler Construction
- Computer Processing of Natural Language
- Computer Architecture
- Analysis of Algorithms
- Seminar Advances in Computing