

Christine M. Rolka

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Carrollton, GA, 30117 678-215-1406

Education

Ph.D., Computer Science – Georgia State University, Aug 2015 – present

Post Baccalaureate – Georgia State University, May 2012 – Aug 2015

M.S., Applied Computer Science, University of West Georgia, Carrollton, GA, 2008

M.M., Music Theory, Georgia State University, Atlanta, GA, 2000

B.A., Music Theory, Georgia State University, Atlanta, GA, Cum Laude, 1996

Teaching Experience

Lecturer, University of West Georgia, Fall 2016 – present

Limited-Term Instructor, University of West Georgia, Fall 2015 – Spring 2016

Lecturer, University of West Georgia, Fall 2009 – May 2014

Limited-Term Instructor, University of West Georgia, Spring 2009

Graduate Research Assistant, University of West Georgia, Spring 2007 – Fall 2008

Adjunct Instructor, Pima Community College, Fall 2000 – Spring 2001

Adjunct Instructor, Georgia State University, Summer 2000

Graduate Teaching Assistant, Georgia State University, Spring 1997 – Spring 1999

Scholarly Activities

Publications/Presentations

Rolka, C., Remshagen, A. (2015) "Showing Up is Half the Battle: Assessing Different Contextualized Learning Tools to Increase the Performance in Introductory Computer Science Courses," *International Journal for the Scholarship of Teaching and Learning*: Vol. 9: No. 1, Article 10.

D'Alba, A., Huett, K., Remshagen, A. & Rolka, C. (2015). uCode@UWG: Building Kids' Interest in STEM-C. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 96-99). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

Rolka, C., Remshagen, A. "Encourage Attendance in the Classroom," accepted for roundtable discussion University of West Georgia's *Innovations in Pedagogy Conference*, April 2014

Remshagen, A., Rolka, C. "Contextualized Learning Tools: Animations and Robots," accepted for presentation the ACMSE conference, March 2014.

Rolka, C., Remshagen, A. "Robots in Introductory Computer Science," College of Science and Math Dean's Teaching and Learning Seminar, 9/21/2012

Rolka, C. (organized with A. Remshagen), "Green Computer Science," Birds-of-a-Feather Session at the Tennessee Celebration of Women in Computing, Pikeville, TN, October 14 - 15, 2011

Grant Funding

Rolka, C., Remshagen, A. “Introduction to Computer Science with Robots” UWide Mini-Grant, Fall 2012, Amount: \$6,897

Rolka, C., Remshagen, A. “Introduction to Computer Science with Robots” UWide Mini-Grant, Fall 2011, Amount: \$4,843

Remshagen, A., Rolka, C., Yang, L. “Road to Computing” Student Research Assistant Program Grant, Fall 2011, Amount: \$2,000

Professional Experience

Consultant, Carrollton GA, 2010 – present

- Web master for
 - [American Political Rhetoric](#), 2014 – present
 - University of West Georgia’s [Community Asset Mapping Project](#), 2014 – present
 - [Horton’s Books](#), 2011 – present
 - Carrollton Community Yoga, 2010-2012

Pascua Yaqui Tribe of Arizona, Tucson, AZ, July 2002 - July 2006

- Database Programmer & Administrator
- Client Support
- Mentor to Junior Programmer

DRA Software Training, Tucson, AZ, February 2001 – July 2002

- Query/report writer
- Web Developer’s Assistant
- Classroom administrator and student services coordinator

Certifications

Microsoft Certified Database Administrator, DRA Software Training, Tucson, AZ, 2003

Microsoft Certified Professional, DRA Software Training, Tucson, AZ, 2001

CompTIA A+ Certification, DRA Software Training, Tucson, AZ, 2001

Professional Affiliations

Association for Computing Machinery (ACM)

ACM Special Interest Group on Computer Science Education (SIGCSE)

Honors and Awards

2008 Upsilon Pi Epsilon International Honor Society for the Computing Sciences Inductee

2007 Outstanding Graduate Research Assistant of the Year

Workshops Attended

Cassandra Day Atlanta – March 19th, 2015

Institute for Personal Robots in Education (IPRE) winter workshop, GA Tech, Atlanta, GA; January 2011

Institutional Service

UMBC trip – to observe and discuss with several faculty/staff/students regarding teaching strategies in STEM fields to improve retention and education of students at UWG; November 2012

College for A Day volunteer – led two introductory robotic sessions for high school students; February 2012, February 2013

Chapel Hill Middle School field trip to UWG – presentation of robotic activities in the department; May 2013