

# Christine M. Rolka

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Carrollton, GA, 30117

## Education

**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

## Professional Experience

**University System of Georgia eCampus**, Carrollton, GA October 2022 – present

- Web Developer

**Consultant**, Carrollton GA, 2010 – present

- Web Applications Developed
  - [National Association of State Boards of Geology \(ASBOG\)](#)
    - [Disciplinary Database Portal](#) – a database application that is designed for Board Administrators to maintain disciplinary actions for licensee's in their state.
    - [Subject Matter Expert \(SME\) Online Database Portal](#) – a database application portal designed for SMEs to maintain their information and is not intended for any other use.
- Webmaster for
  - [American Political Rhetoric](#), 2014 – present
  - University of West Georgia's Community Asset Mapping Project, 2014 – 2015
  - Horton's Books, 2011 – 2015
  - 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

## Teaching Experience

**Adjunct**, Simmons University, Fall 2023 – present

**LIS 458** – Database Management

**Lecturer**, University of West Georgia, Fall 2016 – Spring 2022

**CS 1300** – Introduction to Programming

**CS 2100** – Introduction to Web Development

**CS 1301** – Computer Science I

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

**CS 1300** – Introduction to Programming

**CS 2100** – Introduction to Web Development

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

**CS 1300** – Introduction to Programming

**CS 2100** – Introduction to Web Development

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

**CS 1300** – Introduction to Programming

**CS 2100** – Introduction to Web Development

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

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

**MUS 102** – Music Fundamentals

**Adjunct Instructor**, Georgia State University, Summer 2000

**MUS 1430** - Fundamentals of Music Theory

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

**MUS 1540** – Aural Skills 1

### **Skills and Languages**

- **Programming Languages:** PHP, Java, Python, C#, VB.Net, JavaScript, Visual Basic, VBA
- **Markup Languages:** HTML5, CSS3, SCSS
- **Frameworks:** VUE, jQuery, Bootstrap, React, WordPress, Yii, Tailwind
- **Skills:** Camtasia, Adobe Illustrator, Adobe Photoshop, Adobe XD
- **Speaking Languages:** German (Conversational Proficiency), Spanish (Limited Conversational Proficiency)

### **Professional Affiliations**

Association for Computing Machinery (ACM)

American Marketing Association (AMA)

### **Professional Development**

**Overview of Comm. Tips and Etiquette Considerations for People with Disabilities** – Center for Inclusive Design and Innovation, Atlanta, GA, October 2025

**Public Speaking Course** – Unversity System of Georgia eCampus, July 2025

**Masters of Science** – Kennesaw State University, Marietta, GA, Fall 2024

**SWE6613 - Requirements Engineering**, Fall 2024

**Design Thinking Workshop**, University of West Georgia, November 2024

**Innovators Class**, University System of Georgia eCampus, August 2024

**Carnegie Digital Marketing Workshop**, Online, May 2024

**Junior Programmer** – Hiring Committee, 2023

**Post Baccalaureate Coursework** – Georgia State University, Atlanta, GA, May 2012 – Dec 2015

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

## **Honors and Awards**

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

## **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" UWise Mini-Grant, Fall 2012, Amount: \$6,897

Rolka, C., Remshagen, A. "Introduction to Computer Science with Robots" UWise 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

## **Institutional Service**

West Georgia STEM Fest, Carrollton, GA Sept 2019

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

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

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 the University of West Georgia; November 2012

## **Classroom 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

**Community Service**

USA Swimming Meet Referee