

# SARA WADE

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UNIVERSITY LEVEL INSTRUCTION

CURRICULUM DEVELOPMENT & MEDIA CREATION

CONSULTING & PRODUCTION PROFESSIONAL for ANIMATION, GAMES, INTERACTIVE

## EDUCATION

**MFA Interactive Design & Game Development**  
Savannah College of Art and Design  
4.0 GPA | Savannah, GA

**MS Computer Information Systems**  
Colorado State University  
Fort Collins, Colorado

**Bachelor of Architecture (5 Year Professional)**  
Carnegie Mellon University  
Pittsburgh, Pennsylvania

## PROFESSIONAL TRAINING

**Udacity**  
Virtual Reality Developer Nanodegree

**Mograph Mentor**  
Director's Academy  
Classical Animation Workflow & Techniques

**LearnSquared**  
UI & Data Design for Film  
Motion Design

**Media Bistro Online Learning**  
Digital Marketing Bootcamp Certification

**Animation Mentor**  
Diploma, Advanced Animal and Creature Animation  
Diploma, Advanced Character Animation  
Berkeley, California

**Jason Ryan Animation**  
Fundamentals + Series 1 + Series 2 Master Classes  
Robb Pratt Story Board Master Classes  
Los Angeles, California

## PROFESSIONAL ORGANIZATIONS

**Women Who Code, Fort Collins, CO Chapter**  
**Girl Develop It, Fort Collins, CO Chapter**  
**International Game Developers Association**  
**Association for Computing Machinery SIGGRAPH**  
**ACM-W (ACM's Women in Computing)**  
**Association Internationale du Film d'Animation**  
**Rocky Mountain Adobe User Group**

## PROFESSIONAL ACTIVITIES

**Colorado Creative Industries**  
Colorado Creates Grant Review Panel, 2017

**Red cART Community Art, Board of Directors**

## TECHNICAL & CREATIVE SKILLS

**Game Development**  
Unity, Unreal Engine, HTML5

**Motion Graphics Animation**  
2D & 3D Animation, Content Creation

**Design**  
Illustration, 2D/3D Design, Animation Design,  
Motion Design, Game Design, Interactive Design

**Programming:**  
C#, Javascript, Processing, HTML5, CSS3,  
Python, SQL, Java, C++, Actionscript

## SOFTWARE TOOLS

**3D Software**  
Maya, Cinema 4D, MotionBuilder, Mudbox, ZBrush, 3DS Max

**2D Software**  
Toon Boom Harmony & Storyboard Pro, Adobe Animate, DigiCel Flipbook, Photoshop, InDesign,  
After Effects, Premiere, Illustrator

**Audio Software**  
Audition

## PROFESSIONAL EXPERIENCE

**Mimic Octopus, LLC | Owner, Artist, Animator, Interactive & Game Developer**  
2007 – present  
*Designing and illustrating concepts for advertising and marketing campaigns*  
*Creating mobile and web delivered games and multimedia solutions*  
*Creating and animating 2D & 3D content*

**Wirestone | 3d Artist and Senior Interactive Developer**  
2002 – 2007  
*Animating, lighting, texturing, and rendering 3d products and characters*  
*Creating web delivered games and multimedia solutions*  
*Creating motion graphics for CD, DVD, and web*  
Clients include: Motorola, Apple, Jim Beam, Hewlett Packard, SunCom

**Antigravity | Partner**  
2004 – 2007  
*Creating 3D modeling, texturing, rendering, and animation*  
*Creating web delivered presentations and multimedia solutions*  
*Performing animation, projection, and video mixing for live entertainment*  
Clients include: Hewlett Packard, RNG Productions, Overland Storage

**Studio Swade | Sole Proprietor**  
2001 – 2004  
*3D modeling, rendering, animation; 2D/3D CAD services*  
*Multimedia design and development, web design and development*

**Alumbre Technologies | Web Developer and Multimedia Specialist**  
2000 – 2001  
*Creating streaming multimedia presentations*  
*Designing and building multimedia training applications*

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## AWARDS & HONORS

SCAD Honors Scholarship  
SCAD Educators Scholarship  
SCAD eLearning Opportunity Scholarship  
Colorado State University Graduate Assistantship  
Colorado State University Full Tuition Award  
Carnegie Mellon Commendation for Excellence in Design

## WORKSHOPS & EXHIBITIONS

Instructor: Creative Code Workshop, 2017, CO  
Panelist: How to Succeed as a Female Developer, 2016  
All Hands on Deck 2015, Launch, Fort Collins, CO  
Shapes of Art 2012, Museum of Art, Fort Collins, CO  
Masks at MOCA 2010, FC MOCA, Fort Collins, CO  
Masks at MOCA 2008, FC MOCA, Fort Collins, CO  
Divine Intervention | Juried Show | 2007 | Denver, CO  
Femme Fatale | Juried Show | 2007 | Denver, CO  
Human Organics | Juried Show | 2007 | Fort Collins, CO

## RESEARCH INTERESTS

Applications for Machine Learning in Game Art Creation  
Motion Design for Virtual Reality  
Procedural Art and Animation

TEACHING PORTFOLIO: [WWW.SARAWADE.COM/TEACHING.HTML](http://WWW.SARAWADE.COM/TEACHING.HTML)

## TEACHING EXPERIENCE

Assistant Professor | **Game Art & Design** | 2013 – present  
Art Institute of Pittsburgh, Online Division

Committees & Service

- 2017: Curriculum Committee, Faculty Events Committee, Institutional Effectiveness Review
- 2016: Alumni Outreach Committee, Institutional Effectiveness Review
- 2015: Preventing Plagiarism Focus Group, Faculty Focus Group, Admissions Committee
- 2014: Faculty Titling Initiative Application Review Panel, Admissions Committee
- 2013: Admissions Committee

IGDA Faculty Advisor, *Managing student chapter of International Game Developers Association*

Subject Matter Expert (Course Development) | 2011 - present

Art Institute of Pittsburgh, Online Division

- GADA243 Programming for Artists
- GADA312 Game Animation
- MAAA 302 – 3D Character Animation
- GAD117 – Life Drawing and Gesture
- GAD215 – Hard Surface & Organic Modeling

Instructor/Contributor | **Animation** | 2016 - present  
School of Motion, Online

Adjunct Faculty | **Game Art & Development** | 2016 - present  
Southern New Hampshire University, College of Online & Continuing Education  
Committees & Service

- 2016 - 2017 : Curriculum Advisory Board, Graphic Design & Media Arts

Graduate Teaching Field Study | **ITGM 220 Core Principles: Programming** | 2015  
Savannah College of Art & Design

Adjunct Faculty | **Media Arts & Animation** | 2008 - 2013  
Art Institute of Pittsburgh, Online Division

Maya Springboard Instructor | 2009  
Animation Mentor

Alumni Tutor | **Body Mechanics Studio** | 2006 - 2007  
Animation Mentor

Alumni Tutor | **Introduction to Acting Studio** | 2006 - 2007  
Animation Mentor

Alumni Peer Buddy | **Volunteer** | 2007 - 2009  
Animation Mentor

Graduate Teaching Assistant | **Advanced Programming Techniques** | 2001 - 2002  
Colorado State University College of Business

Teaching Assistant | **Statics & Mechanics of Materials** | 1998  
Carnegie Mellon University School of Architecture

Teaching Assistant | **Materials & Assembly** | 1997  
Carnegie Mellon University School of Architecture