

Jane Elizabeth Crayton
780 33rd Street • Boulder, CO 80303
303.520.9049 • janecrayton@colorado.edu

Career Goals

Currently my career goals entail working on projects, which promote STEM (Science, Technology, Engineering and Mathematics) education and policy. I am looking for a fun, creative work environment, where I can utilize my skills in art, design, media and technology to their fullest potential. I like creating interactive solutions for educational public outreach, and I enjoy working directly through experiential teaching mediums, symposiums and workshops. My goal is to work with people that inspire me to learn and grow while developing a progressive atmosphere of collaborative innovation in STEM education.

Employment History

University of Colorado at Boulder 2003 – 2010

Science Discovery, Instructor (Summer 2009, Spring 2010, Summer 2010)

During the summer of 2009, I worked as an instructor for Science Discovery Summer Classes and Wilderness Camps. I currently teach several classes I developed including (Circuit Bending, Digital Photography, Advanced Digital Photography, and Nature Photography) I also co-developed Secrets of the Hive a beekeeping class, and Citrus Circuits, and I am currently teaching beekeeping for the summer session 2010. All courses incorporate what I call STEM-A (Science, Technology, Engineering and Math through Art). This approach to interactive teaching allows for the integration of several subjects with immersive educational impacts utilizing media, technology and arts.

Study Abroad [Vejer de la Frontera, Spain] (Spring/Summer 2006)

LASP [Laboratory for Atmospheric and Space Physics] Digital Media Specialist, (Spring 2004 - Fall 2005)

Projects: Student Dust Counter, New Horizon Mission to Pluto; Upper Atmosphere Sounding Rockets TIMED/SEE. Responsible for video production, post production and formatting video for a custom built Flash application that plays streaming video on the web. I was gave occasional tours of the lab and performed demonstrations for educational public outreach projects. lasp.colorado.edu/sdc/ (Section: multimedia/interview)

Fiske Planetarium (Fall 2003- Spring 2004)

I worked as an image assistant, first cleaning slides and organizing media. Later creating some media and helping to produce some university and private party events at the planetarium. Over the years, I have worked with the Planetarium, on various projects and have maintained a positive relationship with students and staff working on education and media projects beyond my official employment affiliation.

Bursars Office (Summer 2002 – Fall 2003)

I worked as a computer technician in the Bursars office, providing technical help through our help desk. I worked on both Macintosh and PC platforms for this position. Providing hardware and software support specifically for the Bursars Office of the University of Colorado at Boulder.

Contract Employment (2002-Current)

I have been contracted to work for several different projects, ranging from web development, print design and pre-press, video editing, animation and interactive development, photography, projection and audio development, narration, storyboarding, advertising, event planning and fundraising, curriculum development, teaching and workshops.

A detailed contractor list including University of Denver, Metro State College and the Boulder Public Library can be provided upon request.

Related Experience

dorkbot303 (2006 - Current) dorkbot.org/dorkbot303

Currently I volunteer as the lead coordinator for Dorkbot303, the Colorado chapter of “ people doing strange things with electricity” . I started the chapter in 2006, following my introduction to the non-profit culture of electronic artists in Austin Texas. Since 2006 I have served as curator, promoter and host of the interactive artist series which happens semi-annually in Denver/Boulder showcasing visiting and local electronic artists.

Janedapain_New Media Artist (2004 - Current) janedapain.net

This is my artistic site, where I list my current events as an artist and performer, blog about current happenings in my life, and post artwork, articles, poetry and video for display. This is one of several electronic portfolio' s, a virtual network of art. I also perform live as an audio/visual artist. I create custom interactive installations for gallery events and museums. I also build custom animations and provide video production and photography services for individual projects and events. In addition I provide design, promotion and marketing services for events and festivals as needed.

STEM-A [Science, Technology, Engineering and Math through Art] Boulder, Colorado (2009-Current)

This site was designed by me to provide a place for me to describe my pedagogy and outline class curriculum. The focus of the site is to promote alternative, experiential, teaching styles and courses for local and regional exposure. Classes and workshops have been presented in cooperation with, Science Discovery, Boulder Public Library, Metro State College of Denver, Transmediale Digital Art and Culture Festival, and Transistor Sound Art Festival.

Media Production Consortium (2007 - 2010)

While attending the University of Colorado at Boulder, I volunteered and participated in the student group, MPC (Media Production Consortium). MPC' s focus is on promoting experimental arts events, providing and promoting interdisciplinary media and technology through the Arts and Sciences on CU-Boulder' s main Campus. We wrote grants and proposals through the University system to gain access to student funds, support our events. I served as president of the student group from December 2008 until December 2009.

Denver Museum of Nature and Science (2003 – 2008)

I started as a volunteer at DMNS on Sundays for the Space Odyssey exhibit as a Galaxy Guide in 2003. For a few years, I volunteered in Space Odyssey. This experience offered me extended education and practical application of astronomical knowledge using technology and EPO (Educational Public Outreach) as the fusing agent for my interest. In 2005 I became interested in the live interactive dome group, promoting experimental audio/visual performances in the Gates Planetarium at DMNS. My participation since this time has been occasional, as I have volunteered to help with specific shows, or have simply just participated in brainstorming activities on technology, and engineering for live audio/visual events.

Boulder County Art Alliance (Spring 2009) bouldercountyarts.org

I worked as a volunteer grant writer for the BCAA through a grant writing course at the University of Colorado. I successfully wrote a grant which help them archive funding for their mission of alternative arts education in Boulder County.

Transmediale09, Art and Culture Conference (January 2009) transmediale.de

During the 2009 Deep North Conference in Berlin, I helped to facilitate the Mediakompetenz workshop in streaming media. The streaming workshop aimed to teach participants how to use open-source and free software to stream and archive audio and video of the the conference sessions online.

NASA Astrobiology Institute (2005) Astrobiology Biennial

Photography services provided for lectures during the event. In addition, my digital artwork was selected for the front cover of Biennial Magazine, where it was printed in full-color and distributed throughout the NASA community.

Awards

Artist Footprints at The Biennial of the Americas, Redline Gallery, Denver. (2010)

Astrobiology Magazine Cover Art; (2005) Biennial meeting of the NASA Astrobiology Institute

Sheldon High School, Eugene Oregon. Special Achievement Award (1987)

Education

University of Colorado, Boulder. Bachelors of Arts (Media Studies)

Arapahoe Community College. Associate Degree of General Studies (Multimedia)

Certificates

University of Colorado at Boulder, First Aid/CPR Certified

Park County School District, Substitute Teacher

Elizabeth Dressel School of Nursing, Certified Nursing Assistant