

### Academic Skills List:

As is evident from my resume, I'm a highly motivated professional with natural teaching ability, well honed presentation methods, and a highly adaptive ability to learn, comprehend, and implement concepts and procedures. Furthermore, my project management ability far exceeds the common candidate, as a result of my professional art experience.

I've proven abilities to communicate complex concepts into significantly meaningful imagery, experience in working with groups and individuals, proficiency in multiple two-dimensional and three dimensional media, and a track record of managing projects of substantial scope and monetary value.

This set of skills relates directly to your position in the following ways:

- 1) **Teaching Ability** requires a professor to translate and communicate a concept into significantly meaningful projects that facilitate learning.
- 2) **Curriculum Development** requires a professor to work with groups and individuals to organize and coordinate curriculum needs.
- 3) **Artistic Research** efforts in public art are more successfully when an artist is proficient in multiple two-dimensional and three dimensional media.
- 4) **Facilities Management** is much like project management; requiring tracking of needs and balancing them with operating budgets.

### In Regards to Teaching Ability

Since my graduation I've been teaching in one form or another. My teaching experience includes my current position as Manufacturing/Design Engineer Continuing Education Coordinator. In this position I write the curriculum for and teach 6-12 incoming and current engineering staff on industry standard Engineering, Product Design, and Process Engineering practices. These training sessions last 8 weeks at 3 hours per day and I teach them consecutively.

Additionally, I've experience as an adjunct Instructor at the University of Northern Iowa teaching Foundations 2D-Concepts and 3D-Concepts during 2006-2007 (two classes per semester).

I spent one year Solo Graduate Teaching Assistant teaching Introduction to metals at the University of Iowa (one class per semester).

Finally, I spent one semester as a Guided Graduate Teaching Assistant, where I taught 3D-Concepts at the University of Northern Iowa (one class for Professor Marc Moulton).

I took to teaching very naturally through a friendly demeanor capable of distilling and communicating complex ideas in easy to understand and entertaining ways. I also provided students a direct view (through myself as an example) of a professional application of art in and beyond an academic system. My professional success in public art provides me with the teaching advantage of in-depth and direct knowledge of the field I teach that most young professors lack.

## **In Regards to Curriculum Development**

Curriculum development requires excellent communication skills and a vision for course content/structure synthesized into a unified program.

In both Academia and Public Art forums, I've successfully developed a keen ability to work in group committee sessions and on an individual basis. I readily relate to students, coworkers, supervisors, and clients in a productively articulate, efficient, and cooperative manner. My tested communications skills, coupled with my public art project management ability, will strengthen the foundations of your new sculpture program with thorough analysis, organization, and coordination of curriculum needs.

My current vision for academic art is to close the rift between traditional media and new technology media in a cohesively creative manner. All too often programs emphasis cutting edge leaps in technique, technology, and concept while forsaking the basics. This produces students that endlessly press filters in Photoshop to get interesting images. However, they don't know the color and spatial theory that makes that image more interesting and allows them the vision to see its application beyond the assignment. Academically I believe in a strong foundation in traditional art media; infused with advanced technology and modern concepts. A student will better understand the use of film editing software for new genre, if they can compose a still image via an oil painting. My background as an artist is in illustration, graphic design, sculpture, and metals. I have practiced insight into several 2D and 3D media that are traditional and technology rich. The classes I help produce will refine a student's ability to produce informed and significant work through traditional theory that utilizes new technology and concepts.

## **In Regards to Artistic Research**

I was *fortunately* mentored in a research rich environment. My mentor's research enriched my education and allowed me to build networks that drive my current vocation as an engineer, and my career as a public artist. Because of this positive experience, I will continue to do research and will strive to provide my students with the same opportunities I had.

The aim of my current line of Artistic Research is in the field of Public Art. I've a passion for this public work because it necessitates engagement with a greater exterior community. My work requires engagement with civic groups, state government groups, and industry sources; allowing fellow faculty and students another avenue for professional art application. It also allows the expression of my work in multiple media, varied format, and changing presentation venues; continually challenging my abilities while creating exciting opportunities.

## **In Regards to Facilities Management**

I currently maintain all the Computer Aided Technologies for 3D modeling and CNC equipment for Pickwick Manufacturing. This includes a Multiplatform Design Studio, Several CNC Mills, CNC Lasers, CNC Press brakes, and Panasonic DPTS Weld Robots. My duties involve research and implementation of new technologies, training programs, and directly working with the machinery (operating and programming).

I was a full time Studio Technician for UNI (2006-2007) where I managed facilities for Sculpture, Metals, and Ceramics. As a Graduate Studio Assistant (2007-2008) I assisted in studio maintenance for the University of Iowa Metal Arts department. After the flood of 2008 at the University of Iowa I was a major part of several committees to plan facilities relocation for the department of art. I was also directly involved on reinstalling major equipment for the Sculpture and Metal Departments after the flood.

Most recent graduates have experience with equipment in passing through a class setting. I have documentable direct experience assembling, operating, and maintaining basic art equipment and media, as well as new technologies and media, in an applied manner, for multiple art disciplines.