CODE PEOTRY.

A MANIFESTO

Born in 1995, I am part of generation defined and consumed by technology. We are living in what’s been loosely called

*The technological revolution*.

Much like the industrial revolution failed to consider its impact, technology fails to consider what impact it will have.

As an *artist*, I belong to a subset of this generation that has been tasked to provoke thought about what role technology should play in our lives.

As a *scientist*, I belong to a subset of this generation that has been tasked with how technology will achieve that role.

While the difference of these two subsets may seem apparent to you, I’m here to describe why the intersection is larger than it may seem. And why it’s essential that the great influencers of *either*, belong to, or at least have an appreciation and understanding of,

*both*.

First, let us explore similarities between fine arts and hard sciences as a whole.

What about art, is a science? Living in the natural world, all artists are confined by the laws of nature. As an example; a ceramic artist may create their glazes to express a certain emotion due to the properties of color and texture. Yet, the choice of elements involved to create color and texture, is constrained by chemical reactions defined by the laws of thermodynamics. Thus, any great ceramic artist must attempt to understand chemistry in order explore the unreached emotions they wish to convey; if not by accident. However, while this may seem restricting, consider how many artists use the constraints of science to their advantage. M.C Escher (1898 -1972) painted impossible three-dimensional images such as *Ascending and Descending (1898),* to trick our perception and question what we know about vision and our view of the world as a whole.

What about a science, is art? When solving a problem that further explains the properties of the world we live in, science must consider limitless unknowns and imagine explanation before testing for evidence of its existence. Even creating the test itself given some evidence of