

Tyler de Perrot

ENGINEER & MEDIA ARTIST

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Education

University of Colorado Boulder
B.S. IN MECHANICAL ENGINEERING

Boulder, CO
Aug 2016 - May 2019

Maryland Institute College of Art
B.F.A IN VIDEO PRODUCTION

Baltimore, MD
2004-2008

Industry Experience

Medtronic

2019-Present

SR PROJECT MANAGEMENT SPECIALIST, CARDIOVASCULAR PORTFOLIO

Colorado

- Maintained website product manual metadata, making electronic instructions for use available to the patients and doctors in their respective countries based on international regulatory requirements.
- Coded VBA macros and Excel tools in response to audit prevention procedures to reduce the occurrences of human error in the conversion of metadata from the source system to the experience manager website tools used to publish electronic labeling.
- Joined the American Indian Employee Resource group as the Communications Workstream lead to improve the digital presence of the resource group in the company, driving an increase of engagement among current members and a steady growth of new members up to 5% each quarter.

National Airwall Systems

2006-2016

LEAD FIELD TECHNICIAN

National, Pennsylvania

- Performed on-site systems analysis to determine the cause of mechanism failure and component wear.
- Maintained daily progress reports, using them to create individual task lists for each technician in order to meet project deadlines.
- Designed and manufactured tools that reduced standard procedure times, providing us with more competitive project scopes when bidding on future projects.

Inner Recess Studios

2011-2013

STUDIO PRODUCER

New Orleans, LA

- Performed the role of producer for talent brought in to record music and voice-over work on films being made in New Orleans and Los Angeles.
- Directed the redesign of the studio facilities to accommodate a change in services offered, increasing the portfolio to cover most post-production film audio performances, including voice-over work and film scores.
- Instructed a small team of interns through a marketing campaign focused on film sets and college campuses using innovative tactics that earned the company its first voice-over contract for a major motion picture.

Reginald F. Lewis Museum and the Maryland Historical Society

2005-2007

EXHIBIT DESIGN, MEDIA CREATOR

Baltimore, MD

- Researched the history of slavery in Maryland and its influence on the modern problems faced by Americans of African Descent as the foundation concept of our two exhibitions.
- Designed exhibit spaces for the two different institutions to tell the story of slavery in Maryland using historical artifacts from the era of slavery, art created by resident artists at both of the museums, and art collected specifically for this exhibit.
- Created media as supplemental and informational content to provide historical and contemporary context for the art and artifacts installed in the exhibits.

Charles Theater

2006

TURN OFF YOUR CELL PHONE PSA

Baltimore, MD

- Designed and built human-sized cell phone costumes made of foam and fabric to be used in a short in which phones themselves are in the audience and making too much noise
- Developed props and techniques for filming a scene in which a chef would prepare a meal that consisted in part of cell phones and cell phone components, akin to an ad for a high-end restaurant owned by a famous chef, but with cell phones.

Self-Employed

1999,2004

CLOSE-UP MAGIC

Colorado & Nebraska

- Marketed myself as a close-up magician, performing table-side magic for guests at family restaurants on a weekly basis.
- Added balloon twisting to my repertoire to increase tipped income and provide additional marketing opportunities for family nights at other area restaurants.
- Magic career culminated in a one-night performance at Second City, Chicago, for which I designed and built comically large versions of the props I had used in my close-up act, theming my act as "a close-up performance for people who were actually quite far away."

Skills

Experience Design

Practical Effects, Exhibit Storytelling, Motion Graphics, Prop Construction

Programming

Excel, LaTeX, Python, C++, Matlab, EES

Manufacturing

Solidworks CAD, Millwork, Lathe, MIG Welding, Braising, EAGLE Circuit Design, FDM Printing

Engineering Management

Client Communication, Team Management, Design Proposals, Product Analysis