



**Radix Automation, Inc.**                      **Electrical Engineer**                      **2006-2007**

- Designed power-distribution and motor-control systems for a biomass-fueled power-plant project

**PC DemoScene**                                      **Programmer**                                      **2003-2008**

- Created award-winning PC demos with competitive, interdisciplinary teams of artists, musicians, and programmers.
- Programmed several 4K intros, rendering music and graphics in under 4096 bytes of executable code. Leveraged DirectX and OpenGL.
- Took first prize in the 2004 International Text-Mode Demo Competition using pure software rendering.

**Education**

Cal Poly                                      Bachelor of Science                                      December 2005  
San Luis Obispo, CA                      Electrical Engineering                                      Cum Laude