Matthew Likens

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Education

· The University of the Arts, Philadelphia, Pennsylvania, 1997 - 2001.
· The High School for Creative and Performing Art, Philadelphia, Pennsylvania, 1997 graduated.

Employment

· Spaeth Design, Mechanical Animator, 2003 – 2004.
· Zeke Zaccaro, Two River Theatre Co, Prop Design, 2003.
· Ted Passon, Robot Boy, Student Film, Prop and Set Design, 2003.
· The University of the Arts, Electronics and Robotics Consultant, 2001 - 2002.
· The University of the Arts, Sculpture Shop Monitor, 1999 - 2001.
· Siggraph 2000, 2000, volunteer in rapid prototyping department.
· Anti-graffiti Network, 1995-1996, artist's assistant.

Exhibitions

· WAX Gallery, "The Magic of Orange Juice", 2004.
· Moore College of Art and Design, "5 into 1" Student Show, 2001.
· Spector Gallery, Senior Thesis Show, 2001.
· The University of the Arts, Senior Thesis Show, 2001.
· The University of the Arts, Annual Student Show, 1999 and 2000.
· Board of Education Annual High School Art Show, 1996 and 1997.
· Philadelphia Anti-Graffiti Network, Summer Exhibitions, Medici Center for the Visual Arts, July 1995.

Scholarships

· The University of the Arts, Promising Artist Award.

Materials and Methods Studied

· Wood - table saw, band saw, planer, jointer, lathe, router, hand tools, etc.
· Metal - machining (vertical mill, lathe), forging, casting (bronze, aluminum), welding (oxy-acetylene, MIG, TIG, arc), plasma cutting, chasing, patinas, hand tooling.
· Molding and Casting - polyurethane rubbers, silicone, resin, latex rubber, plastics, wax, ceramic shell, piece molds, waste molds.
· PNC-3000 - Setup a PNC-3000 CNC milling machine in the Industrial Design Department of the University of the Arts.

Computer Skills

· Programming - C++/C, OpenGL, DirectX, physics simulations, genetic and neural network algorithms, raytracing and image processing algorithms, basic, assembly.
· CAD and 3D Animation - Maya NT, 3D Studio Max, Rhinoceros.
· Interactive Design and Presentation - Director, Dreamweaver, Premier.

Electronics

· Circuit design and testing.
· Microcontroller programming.
· PCB fabrication.