

Daniel Hilgenberg

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References and portfolio available upon request.

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EDUCATION

Bachelor of Science in Industrial Design. Virginia Polytechnic Institute and State University, Blacksburg, Virginia.
Expected graduation May, 2004.

EMPLOYMENT

Summer 2003-Principal, Independent Carpentry, Orange County, North Carolina. *Assessment of customer needs, ordering of materials, execution of projects, management of employees.*

Fall 2002/Current- Principal, Daniel Lewis Photography, Blacksburg, Virginia. *Event and concert photography business.*

Summer 2002- Freelance carpentry contractor, Orange County, North Carolina. *Responsibilities: Assessment of customer wants, materials ordering and delivery, execution of projects.*

Fall 2000-Spring 2004- Technicians Assistant, College of Architecture Shops, Virginia Polytechnic Institute and State University. *Responsibilities: Maintenance of production metalworking and woodworking equipment, manufacture of new parts, cleaning, construction of special College furniture, assisting Master Technicians in their duties, assisting architecture and industrial design students with the construction of their models and projects.*

Summer 2001- Sales Associate, Southeastern Camera, Carrboro, North Carolina. *Responsibilities: Assessment of used professional photographic equipment, sales of professional photographic equipment, cleaning of equipment, advising customers.*

Summer 2001- Telecom Apprentice, Pearl Communications, Chapel Hill, North Carolina. *Responsibilities: Assisting in the installation/maintenance of video, telephone, and Internet systems networks. Concurrent with Southeastern Camera employment.*

Summer 1998/1999- Assistant Carpenter, Chandler Design-Build, Chapel Hill, North Carolina. *Responsibilities: cleaning, sorting, general carpentry work.*

SKILLS

Computer: PC Platform. Rhinoceros, Cobalt, Adobe Illustrator, Adobe InDesign, Adobe Photoshop, Microsoft Frontpage, Microsoft Word.

Photography: Proficient with 35mm, medium-format. Some large-format portrait skills. Handling, mixing, and usage of B+W and color chemistry in amateur and commercial levels. Film processing and handling and archival care. Hand B+W printing, fibre and RC papers. Use of strobe and continuous lighting for model photography and portraiture work, differential lighting, gray card use, some familiarity with the Zone System.

Woodworking: Journeyman cabinetmaker; proficient with the usage of most modern commercial woodworking equipment. Also knowledgeable of residential platform framing, interpretation of prints, exterior trim work, furniture. Design, planning, and making of custom guitars.

Metalworking: Proficient in the operation of manual engine lathes, manual vertical mills ("J" mill), surface grinder, tool grinding and dressing, sharpening of drills and end mills, ProtoTrak Edge CNC programming and operation, MIG welder, Arc welder, brakes, shears, rollers. Design interpretation, process routing, and materials ordering.

AWARDS

2002 winner- Research Grant, Student Initiated Grants Program, College of Architecture, Virginia Polytechnic Institute and State University. *Given for pursuit of an independent photography study.*

2002 winner- Robert Reuter Prize for Industrial Design. *Given by Industrial Design Department to student whose project exhibited the most potential for viable manufacture. Currently being used to pursue a U.S. Patent.*

2000 school winner/1999 countywide winner- Sallie Markham Mitchie essay contest sponsored by D.A.R. *A subjective view of the relationship between King John and the Barons during the signing of the Magna Carta.*

1998 Eagle Scout, Boy Scouts of America.

ACTIVITIES

Boy Scouts of America, joined Troop 449, Chapel Hill, NC in April, 1993. Joined Troop 56, Blacksburg, VA in November, 2001. Activities include: weekly meetings, summer camp, backpacking in the Appalachian range and the Smokies, counseling, feeding, mediating and resolving conflicts, teaching and exemplifying leadership skills and qualities, teaching lifeskills such as proper social behavior, planning, decision making, and conflict resolution/avoidance.

North Carolina Custom Knifemakers Guild, joined fall 1998. This Guild, one of the few like it in North America, is a craftsmens association devoted to preserving, teaching, and sharing the knowledge associated with knifemaking, either by hand or machine. The Guild has quarterly meetings and sponsors the largest custom knife show in the Southeastern United States annually.

Emergency Medical Technician-Basic. Certification issued by the State of North Carolina upon completion of training and examination, June, 2001.