

JOSHUA PAUL ARNOLD

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EDUCATION

Southern Calif. Institute of Architecture - Los Angeles, CA M. Arch Candidate, Dec. 2006

Cumulative GPA: 3.4 / 4.0

Relevant Course Work: Graduate Studios I, II, III, & IV; Materials, Properties, and Industrial Processes; Strategies of Representation I, II, & III; Cores, Shells, and Membranes; Architecture and Culture I & II; Tectonics and the Anti-Avant Garde; After Sprawl (post-suburban theory).

Arizona State University - Tempe, AZ

M. Arch 3+ Student, May 2002 - 2003

Cumulative GPA: 3.56 / 4.0

Relevant Course Work: Core Architectural Studios I, II, & III; Architectural Construction; Building Systems I & II; theory & history.

Rice University - Houston, TX

B.A. in Computer Science, May 2002

Cumulative GPA: 3.34 / 4.0

Relevant Course Work: Technology and Society; Drawing I; Renaissance and Baroque Architecture; Modernity and Social Space; Photography I; The World and the West; Mechanics for Scientists and Engineers; Vector Calculus; Computer Graphics; Design and Analysis of Algorithms; Applied Algorithms and Data Structures; Principles of Computing and Programming; Introduction to Computer Organization; Digital Logic Design.

SKILLS

Software Proficiency:

AutoCAD 2000-2005, Maya, Rhino / Flamingo, FormZ.

Programming Languages:

Java, C / C++, professional scripting (PERL, TCL, Scheme, SPARC Assembly), HTML.

Representation:

Proficient in manual drafting (graphite, ink, mixed media), charcoal rendering, and the design of physical / digital models.

EXPERIENCE

JLS Architects, Inc. - Albuquerque, NM

May 2004 - August 2004

Student Intern

Assist in the design and conception of miscellaneous projects. Instruct firm in the use of Photoshop technique (rendering, lighting, overlays, etc.). Photograph existing work for commercial portfolio.

Designed a residential addition in Bernalillo County (space for a fireplace / hot tub); produced plans, sections, elevations, and construction documents; met with the client to approve design. Created a commercial banner (layout and rendering) for the "Brick Light District" in Albuquerque. Designed a conceptual elevation for the "Hands on Learning Center" headquarters in Rio Rancho.

cameocollect.com - Albuquerque, NM

May 2001 – August 2001

Project and Design Coordinator

Conceive and design corporate Web site for Cameo Collection, Inc. Manage online promotion and marketing activities.

Digitally represented over 150 products and was responsible for graphic design.

Instructed company president in topics related to e-commerce, digital imaging technology, and File Transfer Protocol. Wrote a guidebook outlining the use of Microsoft FrontPage.

XpressCheX, inc. - Albuquerque, NM

May 1998 - August 2000

Student Intern

Assist Lead Programmer and System Administrator with production code. Work on security, encryption, system maintenance, and Internet projects.

Installed SSL encryption software on local and consumer machines to facilitate secure electronic communications. Wrote a manual to assist consumers with the use of SSL.

Headed Y2K software compatibility effort. Identified and corrected problematic code.

Designed, updated, and maintained corporate Web site through June 2000.

Created software programs to manage CPU usage, print corporate checks, maintain and parse large consumer databases, and generate daily PDF/Postscript transaction reports.

AWARDS & ACTIVITIES

Dean's List, College of Architecture, Arizona State University, 2002 - 2003.

Member, The American Institute of Architecture Students, 2002 - present.

Work exhibited in juried student show, Art League of Houston, 2002.

Engineering Alumni *Senior Merit Award*, Rice University, 2002.

Essays and poetry published in *Macrocosm Magazine* and *U Blue*, Rice University.

Member, Advanced Computing Systems Association, 1999 - present.

Football Manager for Rice Owls, 1998 - 1999.

President's Award for Educational Excellence, United States, 1998.

New Mexico State Department of Education Scholar, 1997 - 1998.