

# EGG DAVIS

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## Profile

Magna Cum Laude graduate from UNCA with degrees in Computer Science and Multimedia Art.

Strong skills throughout the range from computer programming to design. Experience with a wide range of design packages including the Adobe family, Maya, and Final Cut Pro. Programming experience includes Java, Processing, MEL, ActionScript, Perl, C, and Ruby; extensive experience in Unix.

Skilled artist specializing in generative and code-based art.

## Education

University of North Carolina at Asheville December 2007  
Bachelor of Science, Computer Science (Magna Cum Laude)  
Bachelor of Arts, Multimedia Arts and Sciences (Magna Cum Laude)

Temple University, Philadelphia, PA December 1995  
Bachelor of Arts, Philosophy (Magna Cum Laude)

## Projects

Undergraduate research work presented at 2006 National Conference for Undergraduate Research.  
Year-long research project with the National Environmental Modeling and Analysis Center.  
Major year-long grant investigating the relationship of craft and technology which resulted in generative sculptural objects produced by computer code and rendered on a 3d printer.  
Chair, Media Arts Project event programming committee.  
Member, HUB Project technology task force.  
Substantial commission for UNCA promotional multi-screen video.  
Three-time award winner, Multimedia student show.  
Mentor for freshman Computer Science classes.

## Employment

**3D Modeling for Environmental Simulation** 2006 - Present  
National Environmental Modeling and Analysis Center

Modeling architecture at Biltmore Village and UNCA and integration of models into simulation contexts; investigation of tools for modeling and immersive real-time simulation of flooding and traffic analysis; preparation of extensive wiki on integration of GIS tools and game engines.

**Hardware and Software Support for Enterprise-Wide Apple Computers** 2006  
Information Technology department, University of North Carolina

Met a diverse range of support needs for Apple computers owned by UNCA departments and faculty, including specialized academic software packages.

**Contract Employment: Programming, Video, 3D Modeling, Web and Print Design** 2002 - 2006  
Local clients including several local businesses and UNCA.

Diverse range of specific contracts ranging from promotional video to extension and modification of large existing codebase to photography to logo design. Client roster includes UNCA, PlayAttention, Recyclone, and Schlubach and Scharf.