

**Michael Ney**  
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## EDUCATION

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- 2001-2004 Allegheny College, Meadville, PA  
B.S. in Physics, May 2004  
Minors: Mathematics, Political Science
- 2002-2003 Introductory and Intermediate ArcGIS training. Allegheny College, Meadville, PA.
- 1998-2000 Rensselaer Polytechnic Institute, Troy, NY  
Major: Physics
- 1998 Montgomery Blair High School, Magnet Program, Silver Spring, MD

## EXPERIENCE

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- 1996-2004 Web page development using Macromedia Dreamweaver and text editors: HTML, PHP, ASP, VBScript, Java Script, CSS, XML, and SSI. Some Python and Java. All original code.  
MySQL database design; PHP and ASP interfaced with database.  
Digital photography for web integration.  
Website administration: IIS and Apache in both MS Windows and Unix/Linux environments.
- 1994-2004 Computer Graphics: Adobe Photoshop, Paint Shop Pro, Blender, Bryce 3D, Adobe Illustrator.  
Scientific Tools: Matlab, Mathematica, Maple, LATEX, and CAD.
- 2003 Summer intern, superstring theory. Physics Department, University of Maryland, College Park, MD.
- 2002 Summer intern, Assistant Network Administrator. Northrop Grumman Information Technology/TASC, Chantilly, VA.
- 2000-2001 Web site maintenance, bulletin board management, and user support; company representative at December 2000 Dallas convention. Longbow Digital Arts, Toronto.
- 2000 Web site design. BOSS Staffing, Bethesda, MD.
- 1999-2000 Treasurer, RPI Model Railroad Society (New England, Berkshire, and Western Railroad). Projected \$25k operating budget and developed request for school funding for FY 2000-2001. Budget approved. Rensselaer Polytechnic Institute, Troy, NY.

## **FREELANCE WEB PAGES**

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- 1999-2004 Primary writer  
<http://treadmarks.vorklift.com>  
Tread Marks Modifications Database  
Use of MySQL and PHP
- 2003-2004 Primary writer  
<http://renders.vorklift.com>  
My personal 3D Render display page  
Use of MySQL and PHP
- 2002-2004 Co-writer  
<http://mods.firststones.com/gropos>  
Tread Marks GROPOS modification web site
- 1996-2004 Primary writer, photographer  
<http://gmrs.vorklift.com>  
Gaithersburg Model Railroad Society web site (1996-April 2004)  
Gaithersburg Model Railroad Society photo archive (June 2004-present)  
Use of MySQL and PHP
- 1998-2000 Primary writer, photographer  
<http://railroad.union.rpi.edu/>  
New England, Berkshire, and Western Railroad web site
- 1997-1998 Primary writer  
Site no longer exists  
Montgomery County School System, FIST 1998 web pages