

MICHAEL R. PADILLA

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- EXPERIENCE *Principal Interactive Designer* September '99 - December '01
Destiny Web Solutions. Conshohocken, PA
Principal interactive designer responsible for the online branding and site design for financial services companies such as Fleet, Mellon, Bessemer Trust and The Bank of New York. Worked closely with clients to successfully transition and enhance their existing offline brand to the web. Deeply involved throughout entire design cycle - branding, content organization, navigational design, graphic layout and web implementation.
- Database Developer* June '99 - September '99
Claritas, Inc. Ithaca, NY
Fully developed an Access database front-end to access data through ODBC driver. Used Visual Basic and SQL to fully automate advanced queries and report generation based on user menu input choices. Incorporated graphical user interface with optimized heuristics for easier user input. Created full documentation of all work to facilitate future database maintenance.
- Engineering Consultant* February '98 - June '99
Schneeberger, Inc. Bedford, MA
Designed high precision motion control positioning systems for semiconductor industry. Design requirements included system vibration analysis and troubleshooting. Also responsible for system performance testing involving encoders, servos and feedback control. Specified linear motion components for customer specific applications. Created custom Visual Basic applications in Excel to automate product selection. Supported company web site.
- Product Design Engineer* January '97 - February '98
Roto Architectural Hardware Systems. Essex, CT
Designed new window hardware locking systems. Responsible for product's entire development including conceptualization, prototyping, testing and manufacturing. Created product exhibition packages for prospective customer presentations.
- RESEARCH Formed and led research team in Cornell's Human Power Lab to study and improve mountain bike rear suspension systems. Performed a complete free-body analysis of bike/rider system to determine best suspension linkage and pivot location. Determined optimum design. Built full scale working prototype.
- SKILLS Software - DreamWeaver, Photoshop, ImageReady, Flash, FrontPage, SolidWorks, MicroCad, AutoCad, Matlab, Working Model, Access, Visual Basic, HTML, CSS, javascript
- AWARDS Finalist for the Macromedia Flash Usability Design Contest
Grand Prize Winner of Solid Solutions cover contest
Artwork featured on cover of Solid Solutions magazine
Published in Runner's World, Mechanical Solutions, Machine Design
Winner of Cornell Bridge Design Contest
Varsity Letter Winner in Men's NCAA DI Varsity Track and Cross Country
Featured in New England Runner
Winner of the 1999 Prudential Stairclimb
2nd Place Overall Finisher 2001 Philadelphia Race for the Cure
- EDUCATION Cornell University. Ithaca, NY
Bachelor's of Science, Mechanical Engineering 1996