

BRUCE FREDERIC BLACKBURN

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SUMMARY

Graphic Designer / Web Programmer with solid knowledge of PHP, Flash, JavaScript, and CSS. Experienced managing and executing projects through all stages – from project definition, through design development, to final implementation – for a variety of corporate, institutional, and small business clients. Received design degree from Carnegie Mellon University. Computer Science studies at Carnegie Mellon and University of Maryland Baltimore County.

PROFESSIONAL EXPERIENCE

Blackburn Design

Baltimore, MD

Founder and Proprietor of graphic design / web design / web development firm, 1985-present

- Designed publications, instructional materials, informational graphics, financial reports, and account statements for companies and organizations from the financial services, manufacturing, educational, and business consulting sectors.
- Provided web design and development services encompassing design conceptualization, information architecture, page layout, navigation design, HTML generation, design and production of graphic files, programming of animations and navigation in Flash and JavaScript, and QuickTime movie production.
- Interviewed clients to determine project requirements.
- Made presentations to client groups and individuals.
- Worked cooperatively with client teams.

Selected Clients

- T. Rowe Price
- Citibank
- Stein Roe Farnham
- American Express
- The Hartford
- Alkermes
- Baltimore Gas & Electric
- Moore Business Communication Services
- Pitney Bowes
- George Washington University
- Enoch Pratt Free Library
- Howard County (MD) Library
- Art & Science Group
- Shout, Inc.
- Cosnett Associates
- Charlene Clark Studio

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American Council of Life Insurers (ACLI)

Washington, DC

ACLI is the major life insurance trade association.

Senior Designer, 1983-1985

- Managed design of educational and informational publications.
- Interviewed clients to determine project requirements.
- Supervised staff designers.
- Coordinated work-flow with typographers, illustrators and printers.

Graphic Designer, 1981-1982

- Designed books, informational graphics, newsletters, advertisements, conference materials.
- Prepared mechanical art and printing specifications.

American Auto-Matrix, Inc.

Export, PA

Technical Writer / Graphic Designer, June 1982 - December 1982

- Researched, wrote and designed marketing documents for a line of microprocessor-based building automation products.

PROFESSIONAL SKILLS

- Excellent verbal skills.
- Comfortable and effective interviewing, presenting, and explaining.
- Skilled at writing and organizing the structure of written and visual communications.
- Programming Languages: JavaScript, Flash ActionScript, PHP, SQL, CSS, HTML, XHTML, XML, C, C++, Java, PostScript
- Software: Macromedia Flash, Macromedia Dreamweaver, Adobe Photoshop, Adobe Illustrator, MySQL, Emacs, Quark XPress, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, QuickTime

EDUCATION

University of Maryland Baltimore County (UMBC)

Baltimore, MD

Computer Science Studies, 2001-2003

29 credits, 3.79 GPA. Courses included Discrete Structures, Assembly Language, Programming Languages, Data Structures, Software Design and Development, Probability & Statistics. A class list is online:

[\[http://bruceblackburn.com/docs/umbc.html\]](http://bruceblackburn.com/docs/umbc.html)

Kent State University

Graphic Design Workshop in Switzerland, summer 1980

Brissago, Switzerland

Four week-long intensive workshops with professors Paul Rand, Armin Hofmann, Kurt Hauert and Phillip Burton. Programs emphasized development of type and symbol forms, page composition, and drawing.

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Carnegie Mellon University (CMU)

Pittsburgh, PA

BFA with Honors in Design, 1980

Courses in Industrial Design and Graphic Design. Professional practice studies in Typography, Human Factors, Product Design, Printing Technology. Elective studies in Math and Computer Science (Calculus, Linear Algebra, Graph Theory, Digital Logic, Computer Programming) and Art.

PORTFOLIO

These are links to web sites that I've designed and programmed, including pages created with Dreamweaver, Flash, and hand-coded PHP, JavaScript, CSS, and HTML. Additional samples, including a PHP/MySQL based content management system, will be provided upon request.

Charlene Clark Studio [<http://www.charleneclarkstudio.com/>]

Designed and programmed standards-compliant artist's site; implemented in Dreamweaver with hand-coded PHP, JavaScript, CSS, and HTML. Note the main site navigation's CSS rollovers, the JavaScript navigation in the right-hand column of gallery pages, and the PHP mailing list sign-up.

[<http://www.charleneclarkstudio.com/paintings/painting.php4?gal=5>]

[<http://www.charleneclarkstudio.com/docs/maillist.php4>]

George Washington University History Department [<http://www.gwu.edu/~history>]

Designed and programmed JavaScript animation for departmental web site.

Craft Artist's Site (Prototype) [<http://www.charleneclarkstudio.com/testphp/craft/index.php4>]

Designed and programmed site in Dreamweaver with hand-coded CSS and PHP. Header, footer, and navigation are implemented with PHP function calls. Variable data is stored in PHP arrays to facilitate future interface to a MySQL database.

Bruce Blackburn's Digital Artwork [<http://bruceblackburn.com/>]

Designed and produced self-promotional site to showcase art and experimental work. Of particular interest, the Flash/ActionScript and JavaScript interactive pages and moving images.

[<http://bruceblackburn.com/moving/>]

The nonrepresentational images in the Works on Paper section were created with my own C++ and PHP applications that produce output in GIF and PostScript formats.

[<http://bruceblackburn.com/paper/>]

Shanosky & Associates [<http://www.shanosky.com/>]

Coded standards-compliant temporary home-page for graphic design firm to use while a new site is being developed. Fixed-position elements implemented in CSS, with additional JavaScript for Internet Explorer.

Shout (Ad Agency) Holiday Greeting [<http://www.shoutinc.com/ShoutHoliday2/holiday.html>]

Created QuickTime movie. Illustration by Andy Snair.

REFERENCES

References will be provided upon request.

August 2008