

BENJAMIN ELBIRT

Location: Philadelphia, PA – Cell: 716-998-6302 – E-mail: elbirt@insna.org

SUMMARY

College graduate with 12+ years Internet experience. Familiar with multiple programming languages including Java, Perl and JavaScript, HTML 3.2, 4.0, OpenGL, database systems including Oracle, MySQL and MS SQL, and concepts / theories using Windows and Unix environments with e-commerce, databases, and dynamic environments.

EXPERIENCE

International Network for Social Network Analysis *Buffalo, NY / Philadelphia, PA*
CHIEF INFORMATION OFFICER 01/08 - PRESENT

Responsible for the design and development of the organization's new website. This website is designed as a self-organizing user content driven academic center for the study of Social Network Analysis. Management/maintenance includes the annual conference (over 700 abstract submission and 820 attendants), bibliographic information, Connections journal (online version), forums and user databases. Administrative services include statistical reporting and PDF file generation.

Department of Communication, SUNY Buffalo *Buffalo, NY*
TEACHING ASSISTANT – COM 486 8/96 – 5/98
TEACHING ASSISTANT – COM 489,451 8/05 – 5/06

Responsibilities include management of 50 to 200 students regarding assignment submission, grading and general questions. Lecture topics include HTML, Javascript, Perl, WEB design, survey analysis, content analysis, network analysis, software design, Internet networks, research methodologies and database development.

World Wrestling Entertainment Inc. *Stamford, CT*
SYSTEMS / APPLICATION ENGINEER 10/2000 – 8/2002

Responsibilities include development and maintenance of third party CMS (Content Management System) application, development and architecture of on-line infrastructure, development and documentation of on-line content and general Internet programming / development duties. Established COPPA compliance across all web site content, created a real-time statistical data feed processing and distribution application for XFL player and team statistics, developed and managed all sweepstakes, poll and user data exchange server applications across all domains, and designed, documented and implemented multi-server / horizontally scaled Mod Perl Universal Registration System (URS), with user tracking, data encryption and administration with an Oracle database for base of enterprise wide CRM solution. Integrated site wide Polling and Chat systems into the URS for registration / COPPA compliance and organized / created business requirement documentation for various internet and business related computing needs.

<http://www.wwe.com>

About.com *Manhattan, NY*
SENIOR PROGRAMMER 5/00 – 10/20/2000

Responsibilities include design, database and architecture specification for "ask an expert" feature of the About.com web site. Created technical specification document for developers and administrators with executive, marketing and technical staff.

<http://www.about.com>

News Digital Media

Manhattan, NY

CONTENT ENGINEER

8/99 – 6/2000

Responsibilities include all Perl development for more than fifty on-line promotions across all the Fox web sites, software and hardware architecture design, documentation and implementation, and database development and administration on MS SQL 6.5, 7.0, Oracle 8.0.6 and MySQL. Further responsibilities include Javascript and HTML development, internal utility and system design, maintenance and development, and general troubleshooting for all systems.

Responsible for major promotions partnered with Porsche, Intel, Ford Motor Company, Butterfinger Candy, Homepage.com, NAACP, and Maximum Golf Magazine.

<http://www.fox.com>

<http://www.foxsports.com>

<http://www.foxmarketwire.com>

<http://www.foxnews.com>

<http://www.thesimpsons.com>

DynamicWeb Enterprises

Fairfield, NJ

PROGRAMMER

1/99 – 8/99

Responsibilities include software development of company's main products, in-house solutions including Forecast / Product Movement / Period Reporting, on-line EDI e-commerce and exchange and on-line vendor billing through Plug-n-Pay. Development languages include advanced object oriented Perl with Oracle on a Sparc Solaris platform.

<http://www.dynamicweb.com>

The Shubert Organization

Hackensack, NJ

WEBMASTER

7/98 – 1/99

Responsibilities include web page updates, maintenance, and troubleshooting, Win 32 Perl, Java, and JavaScript CGI coding with database interfacing, web site registration on various search engines and advertising services, report generation of site activity and demographics. Main project involved the re-construction of the entire client Web interface to use advance concepts, features, and display techniques including frames, real-time order processing, and an on-line database driven event calendar.

<http://www.telecharge.com>

Wildlife Creations, Inc.

PA

Terra Research and Computing Co.

Birmingham, MI

Dr. Paula's Web Site

Manhattan, NY

WEB DEVELOPER / CONSULTANT

1/95 – 11/98

Responsibilities include the design, maintenance, and troubleshooting of the web site HTML 4.0 and Perl / JavaScript CGI scripts including forms, random displays, server-side-include menus, cookies, and shopping carts. Further responsibilities include the maintenance of parent sites, advertising, and search engine registrations.

<http://www.terraresearch.com>

<http://www.drpaula.com>

<http://www.animalmount.com>

Instructional Technology Services, University at Buffalo

Buffalo, NY

SENIOR PROGRAMMING ANALYST

4/97 – 5/98

Responsibilities include Windows 95 system maintenance, repair, upgrade, and installation in special technology classrooms. Further responsibilities include software instruction, technical support for classroom users, and installation of special networking software such as Timbuktu. Special projects included an on-line database system, written with Perl 5.0 that provided secure information to professors based on their identification.

<http://wings.buffalo.edu/services/media>.

PUBLICATIONS

Barnett, G. A. and B. S. Elbirt (2006). TWO APPROACHES FOR EXAMINING LONGITUDINAL SOCIAL NETWORKS. 2006 International Social Networks Conference (INSNA), Vancouver, CANADA.

Elbirt, Benjamin "Jacob's Ladder 12.1 - A Presentation of the Fowler Congressional Bill Co-sponsorship Networks Data" A Software Demonstration presented at The Harvard Networks in Political Science Conference, June 11-13, 2009

Elbirt, Benjamin "Jacob's Ladder 12" Software Demonstration presented at Sunbelt XXIX - San Diego, CA, USA - March, 2009.

Elbirt, B. S. (2005). Jacob's Ladder 10 - A Virtual Reality Multi-Dimensional Data Visualization and Animation Application. Computer Science Inter-Department Colloquium, SUNY Buffalo.

Elbirt, B. S. (2007). The Nature of Networks - A Census of Degree Centrality across Various Node Sizes and Edge Densities. Department of Communication. Buffalo, SUNY Buffalo.
Masters Thesis.

TUTZAUER, F. AND B. S. ELBIRT (2007). THE DISTRIBUTION OF ENTROPY-BASED CENTRALIZATION IN SPARSE, DIRECTED NETWORKS. ICA CONFERENCE 2007, SAN FRANCISCO, CA.

EDUCATION

MA, COMMUNICATION 2008
State University of New York at Buffalo Buffalo, NY

RESTAURANT MANAGEMENT 2003
CULINARY ARTS 2003
Institute of Culinary Education New York, NY

"Training The Trainer" - Fred Pryor Seminars 1997
State University of New York at Buffalo Buffalo, NY

"Communication Research for the Future" Graduate seminar guest lecturer 1998
State University of New York at Buffalo Buffalo, NY

BA, COMMUNICATION 1997
State University of New York at Buffalo Buffalo, NY

RELATED SKILLS

- Java Application Development/Swing
- HTML 3.2 / 4.0 / dHTML / CSS / XML / RSS
- VRML 1.0 / VRML 2.0 / OpenGL
- Perl, Perl DBI, OOP, Perl TK, Module Development
- Perl / Module Installation on Linux / Solaris / Dec Alpha
- Perl CGI Scripting
- Mod_Perl / Apache Mod_Perl
- JavaScript
- MS SQL 6.5 & 7.0
- Oracle 8.X
- MySQL 4.x / 5.x
- Database Architecture / Design
- MySQL installation / configuration / implementation
- Apache Web Server Installation, Configuration and Setup
- Architecture / Technical Design
- Documentation / Technical Specification
- Application Development
- Development Management
- Cost Analysis / Data Mining
- Browser, Hardware and Software Compliance Issues
- Benchmarking and Resource Management
- Internet Research and Development
- Microsoft FrontPage, Office, Visio
- Hardware Installation / Configuration
- Software Installation / Configuration
- Troubleshooting
- Training Skills
- Customer / Technical Support