

Stephen A. Fuqua
THIS RESUME IS ARCHIVED.

Objective

NOT CURRENTLY SEEKING Expert web application engineer seeking fresh employment in the Twin Cities at a fast-paced, entrepreneurial organization offering a challenging, creative, and flexible environment.

Skills

Web Development: design focused on usability, accessibility, and full web standards, using technologies such as XHTML, CSS, JavaScript (DOM); server-side programming in C#, PHP, ASP; graphic design in Photoshop, Illustrator, the GIMP, Fireworks.

Programming: T-SQL, C#.Net, VB.Net, C/C++, Java, LabVIEW, VBA.

Software Engineering: OO, agile development, N-tier architecture, patterns.

Technical Writing & Research: Software documentation, grants and proposals, newsletter editing/production, statistical analysis, research.

System & Network Administration: Unix, Linux, Windows, MacOSX; Internet Information Server, Apache web server; Microsoft SQL Server 2000 and 2005, MySQL.

See <http://www.safnet.com> for portfolio

Employment

Augeo Affinity Marketing · St. Paul, Minnesota

Programmer/Data Analyst (10/04 – 01/06); Lead Software Developer (01/06 – 09/06)

- As Lead Software Developer (still equally split with data analyst)
 - Gather and document application requirements;
 - Provide architecture and data model diagrams/narratives for new client proposals;
 - Support and mentor the development team in implementing ASP.Net web applications for Fortune 500 companies;
 - Help manage projects and resource allocation;
 - Enforce information security policies;
 - Along with the IT Director, plan long-range architectural design.
- As Data Analyst:
 - Design normalized relational database schema to fulfill application requirements;
 - Develop T-SQL stored procedures, triggers, and user-defined functions for Microsoft SQL Server 2005;
 - Design and implement ETL processes with SQL Server Integration Services.

United Religions Initiative (URI) · *St. Paul, Minnesota*

Consultant (6/97 - Present)

- Since April, 2004, adjunct staff as Regional Coordinator for North America (originally volunteer and consultant for the central office in San Francisco and for the previous Regional Coordinator).

- Developed and manage URI-NA.org blog on WordPress 1.5 platform.
- Work with volunteers to promote communication with over 40 local affiliates in the U.S. and Canada.
- Since 2002, developed and edit a bi-monthly webzine of international interfaith news at InterfaithNews.News.

Businesses Invest in Growth, Inc. · *Austin, Texas*

AmeriCorps*VISTA (08/01 - 12/02); **MIS Manager & Business Counselor** (01/03 - 08/04); **Independent Consultant** (08/04 - 01/05)

- Developed client relationships through outreach, business counseling, and creation of detailed financial projections for client business plans.
- Designed and implemented a database application to meet the client tracking and contact management needs of an economic development agency using MS Access and Visual Basic for Applications.
- Architect and designer of bigaustin.org, including interactive online forms and database back-end.
- Implemented and trained users on customized dotProject web-based project management software (MySQL, PHP)
- Managed two Windows networks with mixed NT and Linux servers, providing detailed and user-friendly documentation for my replacement.

High Energy Physics Laboratory · *The University of Texas at Austin*

Research Assistant (09/98 - 05/99 part time, 06/99 - 05/01 full time)

- Wrote C++ and HTML interfaces to extract and analyze experimental data from MySQL database. Documentation served as master's thesis, Human Interfaces to the Photomultiplier Tube Database.
- Developed programs to acquire and analyze data from National Instruments (GPIB, FieldVIEW) and nuclear experimentation equipment (NIM, CAMAC) using LabVIEW, C++, and Fortran.
- Served as primary administrator for 20 PCs running Windows, Linux, and Unix.

Quik-to-Fix Foods · *Dallas, Texas*

MIS Intern (Summer 97, Summer 98, Winter 98)

Education

The University of Texas at Austin

- **MA, physics** (1/00 - 8/01)
- **BS, physics** (8/96 - 5/99); National Merit Scholar
- **CS Coursework:** Computational Physics, Database Design, Java (2 semesters), Scientific Computing, Turbo Pascal.

The Texas Academy of Mathematics and Science · *at The University of North Texas, Denton, Texas*

- **High school diploma** while dually university enrolled, graduated with 70 hours college credit (08/94 - 05/96)