Luc Reid

Five Tree Software

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Skills and Expertise

- 19 years Web development experience. Skills and technologies include HTML, JavaScript, CSS, JQuery, and Bootstrap; administration of CMS systems including WordPress and Drupal; server-side programming using ColdFusion, PHP, ASP, ASP.NET, and Go.
- 24 years experience with database development, administration, and programming, including stored procedures, data import/export, indexing, query optimization, data analysis, reporting, and data warehousing, using SQL Server, SSAS, Access, Oracle, MySQL, and other RDBMSs
- Highly experienced and skilled in working with individuals, groups, and businesses of every size to map out needs, expectations, and obstacles for technical and non-technical projects
- Clear, flexible, engaged communicator
- Additional technical skills: Web and database server administration, version control, issue and feature management, Windows operating systems, basic networking, system and unit testing, Web application security, penetration testing, Photoshop, Word, Excel, Google Analytics, etc.
- Public speaking, teaching, employee training, workshops, seminars
- Strategic and tactical planning of business, community, and arts projects; conceptualization and creation of new entities and systems to address pressing needs
- IT management, troubleshooting organizational obstacles

Experience

Owner; Web/Database Developer • Five Tree Software, Williston, VT • 2017-present
Freelance database and full-stack Web developer using HTML5, CSS, JavaScript, Bootstrap, Go, MySQL, and other technologies. Specialties include survey tools for academic research, HTML content protection, and software to support business carbon footprint reduction projects.

Programmer • Ivy Computer, Waterbury Center, VT • 2015-2017
Windows application development using primarily Visual Basic and MySQL; version control with Subversion. Created a new, modular user interface for use with Ivy projects that included search features, Web-style navigation, user-customizable menus, and a user-customized dashboard with widgets and favorite feature links.

Systems Analyst; Web/Database Developer • KDP, Montpelier, VT • 2006-2015
Developed an asset management system using Microsoft SQL Server and ColdFusion for administrating hundreds of millions of dollars of investments within dozens of portfolios. The system conducts complex financial calculations to determine performance, projects the impact of purchases on portfolio guidelines and quotas, etc. Technologies utilized include SQL Server, including SQL Server Analysis Services (Data Warehousing); ColdFusion; HTML; CSS; JavaScript; Redmine (issue tracking); Veracode (security/penetration testing); Subversion (version control); and others. Managed and mentored up to two other IT staff and took primary responsibility for some department processes, e.g., hiring.

Database Administrator • Florida Comm. College at Jacksonville (FL) • 2005-2006
Managed SQL Server servers and databases, developed stored procedures, upgraded servers, rewrote existing systems to greatly improve performance.

Web Developer • Kelliher Samets Volk, Burlington, VT • 2003-2005
Developed database and Web programming for a proprietary content management system, a new company intranet, and sites for clients, including Burlington Parks and Recreation and Efficiency Vermont. Managed Web servers and sites for a variety of clients. Participated in digital marketing planning and strategy. Won PMF award (roughly equivalent to Employee of the Month). Our EnjoyBurlington.com site won an MITX Award and both was a Macromedia Site of the Day and a Design Interact Site of the Week.

Software Testing Manager • Meadowdance, Springfield, VT • 2000-2003
Led a team of 5 testers in cooperative business. Designed testing methodology and built a proprietary, Web-based, cross-platform problem tracking system for new software testing company to provide one of several income streams for a sustainable intentional community.

Freelance Programmer/Analyst; Consultant • Philadelphia, PA • 1998-2000
Developed numerous applications and Web projects for a wide variety of clients, including Glaxo SmithKline and the Federal Reserve, using ASP, HTML, SQL Server, Oracle, and other technologies.

Owner, Programmer/Analyst, Manager • Reid Software, Haddonfield, NJ • 1993-1998
Developed database-driven business applications for companies ranging from one-person shops to Fortune 500 firms. Supervised up to 5 employees.

Other Activities

Co-organizer, Sustainable Williston
Co-organize our town's energy committee and grassroots sustainability group. Led a rebranding of the group (name, logo) and several new projects. Conducted promotion through local press, social media, and a new Web site. Created and manage our e-mail list.

Founder and Facilitator, Codex Writers' Group
Founded an online writers' group for neo-professional science fiction and fantasy writers, currently 14 years old, with more than 500 active members, a number of whom have won major writing awards (Nebula, Hugo, World Fantasy Award, etc.) since joining. Created a feature-rich, proprietary forum system with social interaction tools (chat, "woots and groans," curated threads, news tool, etc.), writing contest system, critique system, anonymous discussions, cooperative moderation tools, user profiles, and more, using Active Server Pages and MS SQL Server.

Professional Writing
Professionally published works include many short stories, articles, a play, and a nonfiction book. Venues include *Nature*, *Communities* magazine, *The Writer*, etc. For six years, wrote a blog on the psychology of habits at LucReid.com, which when I was most active received more than 20,000 views/month. More recently, blogging at FaceClimateChange.com. Occasional public speaking engagements, especially on writing motivation and productivity.

Taekwondo
3rd degree black belt, training at Blue Wave Taekwondo in Burlington under Master Gordon White. Train regularly and assist in instructing other students.

Education

BA, Humanities, 1989: New College (Honors College of the University of South Florida). Admitted to college after my sophomore year of high school without high school graduation, on the strength of my academic record and application materials. Coursework included writing, psychology and social science, languages, and music.