

Cory Weber

609 Sara Lane - Naperville, IL 60565 - 630.605.0342 - Gteinc2@gmail.com

Executive Profile

Creative technology solution developer with six years experience in visualization development, software development, and data analysis tool development and three years operations management experience in network administration on a large network. Experienced in programming in multiple programming languages on multiple platforms. Also experienced in teaching, training, and presenting.

Professional Skills

Development

- Co-developed three-dimensional visualization capabilities that simulate and display the U.S. Department of the Interior Bureau of Land Management's environmental data from large-scale, long-term infrastructure construction projects.
- Designed and developed image analysis tools for automating the analysis of aquatic environments for Western Area Power Administration.
- Developed standalone media demonstrations for presenting the Argonne National Laboratory Environmental Science Division's global activities to lab management.
- Constructed hardware and techniques to aid in data gathering.
- Researched, specified, and constructed specialized hardware for media production and visualization.

IT Management

- Assessed system requirements for a content and virus filtration system to protect a 400-student grade school. Researched commercial options and successfully tested, tailored, and deployed an open source solution, saving thousands of dollars.
- Consolidated the monitoring and administration of mission critical systems to a single dashboard reducing cost by 100 man-hours per year.
- Developed and helped execute a one-year network redesign plan for a 240-host, 16 server network, shifting the management paradigm.
- Routinely administrated, maintained, configured, and replaced both Windows and Linux servers and workstations in a corporate network environment.
- Used network traffic analysis tools to trace and isolate compromised systems.

Teaching

- Presented principles of visualization and communication at the Department of Energy Interlab workshop for the National Laboratories at Los Alamos National Laboratory.
- Taught various college courses in computer science, information systems, networking, and computer graphics.
- Leading the development of a training system for users to become trained in best practices for network and file server usage.

Previous Work Experience

<i>Argonne National Laboratory</i> , Argonne, IL Visualization and Software Developer	2005 - Present
<i>Trinity Christian College</i> , Palos Heights, IL Adjunct Professor	2008 - Present
<i>Calvary Christian School and Church</i> , Naperville IL Systems Architect	2007 - 2011
<i>GTC Industries</i> , Naperville, IL Information Systems Consultant	1998 - 2005

Education

Degrees

- Masters of Science in Operations Management and Information Systems (2009)
 - Northern Illinois University
- Bachelor of Arts Information Technology (2005)
 - Trinity Christian College

Certifications

- Information Technology Infrastructure Library Foundations Certificate (ITIL)

Software Expertise

Business Software

Microsoft: Visio, Word, Access, Excel, PowerPoint, Project, Money, Publisher, PC Anywhere, Bulletproof FTP Server, Microsoft 2008 Server (including Active Directory and DHCP, IIS), Exchange 2007, SQL Server, Visual Studio 6.0, 2003, 2005, 2008, 2010 (C++, C#, VB.NET), Linux routers and servers. **Intuit:** Quicken, Quick Books.

Creative Software

Adobe: Photoshop, Premiere, After Effects, Illustrator, Flash, Dream Weaver, Other CS3 Products. **Autodesk:** Maya, Combustion. **Cakewalk:** Sonar Producer.

Real-time 3D Render Engines

Unreal3, Open Scene Graph, Quake 3, World Wind, Irrlicht, Unity 3, Torq, Ogre, others.

Operating Systems

Microsoft Windows: 3.1, 9x, NT, 2000, XP, Vista, and Windows 7
Apple: Mac OS 7 – 10.7.x.
Microsoft Server: NT, 2000, 2003, 2003 R2, 2008
Linux: Fedora Core, Debian, Ubuntu, Smoothwall, Vyatta, others.

Associations

- Association of Information Technology Professionals (AITP)
- Naperville Community Television Producers
- Calvary Media Group (Video Director)

References Available Upon Request