

P R O F I L E

- Seeking professional challenges that yield high personal satisfaction.
- Experienced with diverse work environments ranging from small companies to large corporations; held positions ranging from high-independence contract work to collaborative teamwork.
- Trained and experienced in networked systems management and programming; able to simply and clearly communicate technical information to non-technical people.

S K I L L S

Engineering level knowledge of Linux and Windows 2000/XP. Administrator level experience with Windows Server 2003, NetBSD, FreeBSD. Desktop Administrator level experience with Vista, Solaris, SunOS, Mac OS X, and other Unix/Linux systems.

Proficient in PHP, Java, Perl, Python, SQL, C and C++ programming languages.

Proficient with electronics and fabrication, including custom circuit design, metal work, and embedded computing.

E D U C A T I O N

GEORGIA INSTITUTE OF TECHNOLOGY

ATLANTA, GA: 2000 – 2005

Bachelor of Science in Computer Science, with Cooperative Seal.

Specialization in Operating Systems (low level, high efficiency programming) and computational photography.

E X P E R I E N C E

INDEPENDENT CONTRACTOR

2006 – PRESENT

Designed and built custom flame effect, with complete documentation and compliance statements.

Created PHP back-end for audio processing and mixing for iitao Interactive.

Technology Consultant for Key Curriculum Press, converting data among multiple formats and writing automation scripts to reduce manual data entry.

Prototyped e-commerce website in Drupal with Ubercart integration for ComputerBags.com.

THE OFFICE OF LETTERS AND LIGHT

OAKLAND, CA: 2008 – 2009

Web Programmer, Systems Administrator

Maintained linux network of web servers, sql servers, and tools server as well as a windows-centric office network.

Customized themes, modules, and functionality in the drupal framework for the National Novel Writing Month and Scriptfrenzy websites. (www.nanowrimo.org www.scriptfrenzy.org)

Created custom integration scripts between databases and servers.

Managed internet resources during extremely high load periods.

WILDERNESS EXCHANGE

BERKELEY, CA: 2007 – 2008

Floor sales and customer service at an outdoor gear shop.

SIERRA AT TAHOE

TWIN BRIDGES, CA: 2006 – 2007

Ski Instructor (Beginner through Expert, ages 3–70)

MCKENNEY'S, INC.

ATLANTA, GA: 2001 – 2004

Management Information Systems, Technical Support

Systems and Network maintenance for a Novell/Windows network.

Worked with Exchange upgrade, SQL server upgrade, and migration from to 2000 Server/XP.

O T H E R E X P E R I E N C E

Member of Ardent Industries, an Oakland-based interactive art group, using Java and C on embedded systems to create sculptures and games that have exhibited at Maker's Faire, the Crucible's Fire Arts Festival, and Burning Man, 2006–present.

Weekly animal care shift at the Marine Mammal Center, caring for seals and sea lions, 2009–present.

W E B P O R T F O L I O

Personal Web Portfolio:

www.srstudio.org

For the Office of Letters and Light:

www.nanowrimo.org and ywp.nanowrimo.org: Customized modules to improve performance during peak load periods. Modified forums content.

www.scriptfrenzy.org and ywp.scriptfrenzy.org: Created custom user profiles using php, html and CSS. Modified layout of main page, added page count update and search features. Customized forums content.

www.lettersandlight.org: Modified content, and managed the static html site.