

Adam Jonathan Griff, Ph.D.
1537 Euclid Cir. – Lafayette, CO 80026 – USA
+1-303-731-5140
<http://www.linkedin.com/in/adamgriff>
Email: griffresume@griffmonster.com

SUMMARY

Seek full-time or contract position as senior developer, team lead, engineer, architect, or system designer. Identify product or application needs, using creative solutions for solving, designing, implementing, creating process, documenting, educating. Part-time professor / instructor / lecturer / researcher. Highly effective communicator with fluency in English (native) and French.

SKILLS

- Areas of Research and Teaching: Programming Languages, Distributed Systems, Operating Systems, Object Oriented Design.
- Languages: C++, Java, Perl, SQL, PHP, JavaScript, Smalltalk, UML, HTML, VRML, XML, C, PASCAL, X, MOTIF.
- Operating Systems: UNIX (Linux, FreeBSD, HP-UX, Solaris, SunOS, Digital UNIX).
- Software: Degreement Student Advising System, MySQL, Rational Rose Real-Time, Apache Web Server, GlobalSight System3, Interwoven TeamSite, Rational ClearCase, Vignette, Active, WebMethods, various CORBA implementations.
- Development Environments: Emacs, Eclipse, CVS, SVN (Subversion).
- General: Group Management, System Design, Technical Writing, Publishing, Customer Presentations and Education.
- Proficiency: English (native) and French.

PROFESSIONAL EXPERIENCE

PANCIL, LLC, La Jolla, CA. October 2003–Present.

Engineer and Architect

- Technologies used: Perl, MySQL, C++, FreeBSD
- Architected, designed, developed, and documented network monitoring and notification application.
- Designed and developed plug-in interface to open source application enabling parsing of custom file formats.

GRIFFMONSTER, LLC, Boulder, CO. February 2001–Present.

President, Architect, and Principal Consultant

- Technologies used: Perl, MySQL, C++, Java, PHP, JavaScript, Linux, Solaris, Eclipse, Degreement Student Advising System
- President of Degreement.com - student degree audit and advising software system.
 - ▶ Architected, designed, developed, and documented system.
 - ▶ Integrated advising software with legacy systems and coded degrees into the system.
 - ▶ Developed algorithms, UI, and specification languages for degree checking and reporting.
 - ▶ Trained and mentored advisers on using the system.
 - ▶ Managed sales and marketing teams dealing with universities, secondary schools, and state board of education.
 - ▶ System design scaled to handle 100K students and several million student course records.
 - ▶ Mentored computer science students on coding and designing degree requirements for departments.
- Consulted for various clients utilizing my expertise in distributed systems, client / server architectures, operating systems, open source software.
 - ▶ Learned, utilized, and disseminated acquired knowledge of new software.

DEMOCRATIC NATIONAL CONVENTION COMMITTEE, Denver, CO. August 2008.

Team Manager

- Team Manager with the Sustainability and Greening Division of the Democratic National Convention Committee.
- Managed group of volunteers and managers in a venue with 30K visitors per day.

GLOBALSIGHT, Boulder, CO. April 2000–July 2001.

Principal Software Engineer

- Technologies used: C++, Java, GlobalSight System3, Interwoven TeamSite, Vignette, Active, WebMethods, Solaris
- Identified, architected and designed features for globalization and I18N (Internationalization) product.
- Designed, developed, and documented integrations between I18N product and external products.
- Managed internal teams for customer integrations and communicated requirements to customers and external vendors that resulted in successful projects.
- Technical project management for European clients.
- Collaborated with product marketing and sales teams to develop market requirement documents and prioritize customer features.
- Mentored fellow developers in best practices and held "brown bag" and training sessions on external vendor products.

ERICSSON WIRELESS COMMUNICATIONS INC., Boulder, CO. November 1999–April 2000.

Research Engineer

- Technologies used: Java, Perl, CORBA, Rational Rose Real-Time, Emacs
- Provided expertise on distributed communication issues.
- Designed and developed real-time controller interfaces to wireless base stations.

UNIVERSITY OF COLORADO AT BOULDER. January–May, August–December 1998.

Visiting Instructor

- Technologies used: Java, Perl, C++ STL, Smalltalk, Rational Rose
- Developed and instructed Object Oriented programming and design course.
- Guided students in researching and presenting new tools, trends, and techniques.
- Managed group projects and lead design reviews of industry sponsored projects.

UNIVERSITY OF COLORADO AT BOULDER. January 1998–November 1999.

Research Assistant

- Technologies used: C++, CORBA, VRML, Linux, Emacs, Gryphon
- Identified location and synchronization inefficiencies in communication subsystems.
- Architected, designed, and developed a dynamically tailorable distributed object subsystem.
- Resulted in reduced latency and improved scalability of applications in virtual environment and financial markets.
- Advised, consulted, and educated on design and implementation of distributed systems for data transparency, location migration, and redundancy.

EDUCATION

University of Colorado, Boulder, CO, USA

Ph.D., Computer Science, April, 2000.

- Thesis: *Gryphon: A Dynamically Tailorable Mechanism for Customizing Location and Caching Policies in Distributed Object Subsystems.*

Lehigh University, Bethlehem, PA, USA

M.S., Computer Science, June, 1992.

- Thesis: *Algorithm Overloading on the n-cube Hypercube.*

Lehigh University, Bethlehem, PA, USA

B.A. Computer Science with minor in Economics, June, 1991.

- Major GPA 3.75, Dean's List, Cum Laude.

Courses include: Structured Programming and Data Structure, Object Oriented Programming, Hardware and Software Parallel Computing, Operating System Design, Microcomputer Systems Design, Compiler Design, Computational Linguistics, Multimedia Programming, Computer Architecture, Digital Systems, Technical Writing, Economics of Latin America, Modern Dance, and Culinary Arts.

OPEN SOURCE CONTRIBUTIONS

- Personal mail program: Sends personalized email to groups. Used with Degreeement to contact students regarding scholarship eligibility, nearing graduation, academic probation, etc. Perl and MySQL.
- GMSysMon: System Monitor and alarming on CPU load, temperature thresholds, network and machine failures, custom events. Small and light weight alternative to heavy weight power of Nagios.
- Checkbot: contributed code to extend functionality of CPAN project hosted on SourceForge.net. Enhanced providing plug-in capabilities for custom parsing and analysis by this web spider report tool.

AWARDS AND MEMBERSHIPS

- Received Globalsight's monthly President's Award for outstanding contributions to the company by an employee. Awarded on two occasions, August 8th 2000 and March 13th 2001.
- Member of the Institute of Electrical and Electronics Engineers (IEEE) since 1991.
- Member of the IEEE Computer Society since 1991.
- IEEE Computer Society Denver Section Secretary 2008.

PERSONAL INTERESTS

- Living and working in various cultures: 2006–2007 New Zealand, 2007 Australia, 2007 France.
- Dancing: Modern dance, Contact Improv, aerial dance, swing, Acroyoga.
- Skiing, tennis, rock climbing, soccer, cycling (Triple Bypass 2003, Copper Triangle 2006, Ride the Rockies).
- Photography.
- Culinary arts.
- Running: New York City Marathon 1988 and Bolder Boulder.
- Managing Judge for 2008 Election (prevent any funny business)