Grant K. Rauscher

[GeeKieR Enterprises](http://geekier.com/)

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# Education

**Wesleyan University** Middletown, CT

Bachelor of Arts, Chemistry May, 1995

# Employment

**BigID Inc.** New York, NY

Senior Services Delivery Engineer 11/18 – present

Support installation and administration of supervised ML application

indexing personal data by identity. API development of Data Subject

Access Requests and Records of Processing Activities. Linux, docker,

JSON/AJAX, git, Python, PostgreSQL, Samba.

**Achieve3000 Inc.** Lakewood, NJ

Senior Development & Operations Engineer 8/15 – 9/18

develop & administer reading curriculum software used by students,

teachers and administrators. differentiated literacy instruction for

nonfiction reading and writing that's precisely tailored to each

student's Lexile® reading level. AWS (CLI, VPC, ELB, ASG, EC2,

Aurora RDS, DynamoDB, S3, Glacier, ElastiCache, CloudFront,

CloudWatch, Route 53, IAM, Lambda, EFS), Linux, Apache, MySQL,

PHP, Zend, JavaScript, JSON/AJAX, git, phabricator, chef, Clever,

SAML, New Relic.

**Smarty Ants Inc.** San Rafael, CA

Chief Technology Officer 11/11 – 7/15

architect, develop & support foundational literacy software used

by students, teachers and administrators. optimization and scaling

to allow C10k usage and near real-time reporting using AWS (VPC,

ELB, ASG, EC2, RDS, S3, SES, SNS, CloudFront, CloudWatch,

Route 53), Linux, Apache, MySQL, PHP, Zend, perlbal, memcached,

JavaScript, Java, JSON/AJAX, Subversion, git, proxy caching hardware.

**Sony Television** Los Angeles, CA

Internet Engineer 4/02 – present

architect & administer secure infonet for remote production

management, publishing dynamic media associated with each

shoot, emphasizing 3D venue/stage/set model within existing

process of planning, building & recording. install, configure &

administer Linux, Apache, MySQL, PHP, Python, ZOPE, PIL,

GD, ffmpeg, AWStats

**2C Productions & Studio** San Rafael, CA

Internet Engineer 6/00 – present

system, network and information engineering for projects including

hosting, architecture, development, operations, project/organization

management, media and event production, landscape and physical

modelling, artist/musician & business/organization promotion.

AWS (CLI, SDK, EC2, S3, s3fs), Linux, Apache, MySQL, PHP,

Python, Flask, ZOPE, GD, ffmpeg, Puffin

**GX Studios, Inc.**  New York, NY

Internet Engineer 9/07 – 6/09

systems admin, net-app architecture, messaging, integration,

SVN build/release management, automation, development,

design integration, deployment optimization including

redundancy with failover, monitoring, documentation, testing.

manage node-based service using Linux, Apache, MySQL,

PHP, PERL, perlbal, MogileFS, memcached, memcacheq,

SmartFoxServer, Java, ant, monit

**ACM SIG-CHI Bulletin**  New York, NY

Internet Engineer 6/04 – 5/07

build intuitive content management system according to spec

for Computer-Human Interaction Special Interest Group’s

collaborative public site, integrate static design template &

apply subsequent updates, support production use of its live

editing/publishing framework, host/admin/deploy dynamic

web application with role-based permissions as replacement

for static site, assist in live migration to ACM servers

**Maynard Institute for Journalism Education** Oakland, CA

Internet Engineer 5/01 – 3/09

lead server architect including dev/admin, deploy SiteBoiler

content management system for MaynardIJE.org, ReznetNews.org,

BlackCollegeWire.org, AAJA.org, NAMME.org, NAJA.org and

support MKMedia in third-tier client projects. install, configure &

administer Linux, Apache, MySQL, PHP, ZOPE/Python, Drupal,

WordPress, AWStats, Zorum

**Broadband Mechanics, Inc.** San Francisco, CA

Internet Engineer 10/99 - 5/02

lead server developer architecting distributed multimedia systems

primarily developed using JavaScript, XML-RPC/SOAP, XML/XSLT.

evaluate object- & xml-DBMS for RPCs by distributed runtimes.

design, develop, test & refine distributed software components.

direct development of software components by internal remote teams.

encapsulate modules for integration, e.g. Salesforce.com, subscribe

to services contextually, e.g. Google Search API, FedEx tracking

**Millward-Brown Interactive** San Francisco, CA

Internet Engineer 6/99 - 9/99

market research technology development and administration

deployed and managed web-based market research studies

adapted & maintained web solicitation engine (JavaScript/PERL)

exported survey results from Oracle 7 for further data analysis

scripted real-time reports from live survey data in Oracle DB

**Maus Haus** San Mateo, CA

Internet Engineer 9/98 - 5/99

 directed technology research and usage for 12 to 15 designers

 architected web projects, building web pages from graphical comps

 content-managed web projects using templates to improve efficiency

SF Design Center Idea House [www.sfdesigncenter.com](http://www.sfdesigncenter.com/)

eFax.com [www.efax.com](http://www.efax.com)

**Mountain Lake Software, Inc.** San Francisco, CA

Internet Engineer 7/97 - 8/98

 designed, developed, maintained & supported web content for internal sites

 architected & maintained data structures & workflow used on Young Composers

 Young Composers [www.youngcomposers.com](http://www.youngcomposers.com)

 Cyberkids [www.cyberkids.com](http://www.cyberkids.com)

 Cyberteens [www.cyberteens.com](http://www.cyberteens.com)

**Scholastic Inc.**, Instructional Publishing Group New York, NY

Technology Marketing Assistant 10/95 - 5/97

 Technology Marketing Assistance :

strategic navigation of educational software market

creation and revision of promotional content

review and analysis of competitive software

identifying and mailing to target customers

 Leadership Experience :

sales presentations, live and as transparencies

in-service training of student and teacher software users

providing product-related and general technical support

management and administration of mailing lists

**Wesleyan University** Middletown, CT

Computer Consultant 1991-1995

technical support, helpdesk management, training faculty &

students: e.g. organic chemistry modeling software demo,

video disc barcode transcription into syllabus outline

**Colgate University** Hamilton, NY

Research Assistant 1992, 1994

participated in physical organic chemistry research

programmed mathematical models of rate equations

performed computer-assisted calculations for data analysis

co-authored Journal of American Chemical Society article

# Computer Skills

Platforms & Operating Systems

AWS (CLI, SDK, VPC, ELB, ASG, EC2, Aurora RDS,

DynamoDB, S3, Glacier, ElastiCache, SES, SNS, CloudFront,

CloudWatch, Route 53, IAM, Lambda, EFS), UNIX

(GNU/Linux, BSD, MacOS X), Windows

Languages & Environments

TCP/IP, HTTP(S), XML/XHTML, XSLT, XML-RPC/SOAP,

XMPP, RDF, RSS, IMAP/POP3, Java, JavaScript, Python, PHP,

Zend, PERL, Ruby, Smalltalk, SQL, C/C++, Pascal, Scheme

Internet/Communication/Database

Apache, MySQL/PgSQL/Oracle, MongoDB, Redis, ZOPE, Django,

Drupal, Flask, Group-Office, Joomla, WordPress, MediaWiki,

Sendmail/Postfix, Jabber, OpenSSL, OpenSSH, Mumble/Murmur,

Red5, New Relic, Chrome, Mozilla, Explorer, Opera, Safari, Puffin

Utility/Programming

MySQL Workbench, memcached/memcacheq, MogileFS,

perlbal, monit, Munin, Nagios, chef, Puppet, git, Subversion, ant

Desktop Publishing

QuarkXPress, Flash, Fireworks, Dreamweaver, Fontographer,

PageMaker, PhotoShop, Illustrator & GoLive

General/Office

FileMaker Pro, MS Office (Word, Excel, PowerPoint, Visio)