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# **EDUCATION**

**Bucknell University,** Lewisburg, PA — BA in Comp-Sci **August 2003 to May 2008**

**SKILLS & QUALIFICATIONS**

* Effective programmer in Python, Ruby, C++, Java, Javascript, PHP, COBOL, JCL, and MAGIC/NPR with experience in Bash scripting, Scala, Perl, Lua, and Node.js.
* Experience developing Ruby on Rails apps; in proprietary health care environments and languages; with ISPF on z/OS (batch & CICS); and in the LAMP (PHP/MySQL) stack.
* Willingness and ability to adapt and learn new skills as needed.
* Experience administering networks of Linux servers, including 100+ Amazon EC2 instances.
* Very comfortable in several Linux/Unix distributions (including Arch, Debian, Gentoo, Fedora, Solaris, and Ubuntu), Mac OS 6-10, and Windows 98-8.

## WORK EXPERIENCE

**Cog(n)ius,** Cambridge, MA **Full-Time 2013 to Present**

#### Senior Software Engineer

* Worked in a team of 4 to 8 developers to support the needs of a growing startup.
* Maintained a large Ruby on Rails app, and built supporting infrastructure in Python.
* Worked with a team of developers to build a data warehousing pipeline using uWSGI, Kafka, and custom python code to support hundreds of millions of events per day logged to Amazon S3 and loaded to Redshift.
* Built real-time visualization infrastructure in python using InfluxDB and Grafana.
* Built a framework to allow analysts and engineers to easily version-control, schedule, and deploy small python scripts and their requirements.
* Configured Nagios monitoring for all of our servers and services, including many custom-built monitoring plugins.

**MEDITECH,** Canton, MA **Full-Time 2011 to 2013**

#### Development Programmer – LAB Application

* Worked in a team of 8 programmers to support MEDITECH’s largest application.
* Assisted my group in transitioning from in-house development tools to Eclipse/Subversion.
* Received a “[High Five](http://www.samuelcolburn.com/high5.png)” award for helping other groups with server errors and wiki migration.

**C&S Wholesale Grocers,** Keene, NH **Full-Time 2008 to 2011**

#### Programmer/Analyst – Customer Integration

* Worked with a team of 20 programmers to support the integration of new customers.
* Communicated and collaborated regularly with business departments and customers.

**Bucknell University,** Lewisburg, PA **Full/Part-Time 2003 to 2008**

#### Information Services & Resources Tech Desk Associate (2003-2008)

* Worked as part of a team of 20 students to provide customer service.
* Designed a Wiki-type database for tech-support information.

*Systems Integration -Triage Monitor (2005)*

* Monitored more than 20 Solaris, Red Hat, and Windows servers.

**NinthVector** *(ninthvector.com)***,** Lebanon, NH **Full-Time 2006 to 2007**

*PHP Programmer & Database Administrator*

* Created custom-tailored server-side scripts for clients' websites.
* Secured against vulnerabilities such as SQL injection and remote include exploitation.
* Administered SQL Databases and an email server used by both NinthVector and its clients.

*Customer Service Representative*

* Acted as a bridge between the engineers and clients, explaining complex technical details.

**HOBBIES & INTERESTS**

**Freelance Voice Acting** (*2011-Present*)

* Recorded narration for three incredibly cheesy video game trailers:
* [Tex Murphy: Overseer](http://store.steampowered.com/app/302370/)
* [Tex Murphy: Under a Killing Moon](http://store.steampowered.com/app/302350/)
* [Tex Murphy: The Pandora Directive](http://store.steampowered.com/app/302360/)
* Played the part of “Angelo” in the audiobook [Breach: The Union, Part 1 by Robert Allan](http://www.audible.com/pd?asin=B00CRKVUVE).
* Recorded narration for [instructional videos for Resara LLC](http://www.youtube.com/watch?v=od4MRRSBmUU).

**Minecraft Modification Programming** (*2010-2012*)

* Worked with a team of Java developers to collaboratively build and maintain “hMod”, a plugin and modification system for the video game *Minecraft*.
* Developed and maintained several plugins adding new functionality to the game.
* Aided in the conversion of several plugins to an alternate plugin system, “Bukkit”.

**BLUG (Bucknell Linux User's Group)** (*2006, Group President - Bucknell University*)

* Led discussions and tutorials on installing, securing, administrating, and enjoying Linux workstations and servers.
* Actively sought out new knowledge to bring to the community.

**Technical Theater & Acting** *(1999-2003 – Kimball Union Academy)*

* Acted in as well as designed and built scenery for large budget shows.
* Worked with hundreds of peers to put on successful productions.
* Received the **Simon Harold Memorial Award** for excellence in Theater and Mathematics.

**Independent Musician and Producer***(1999-Present)*

* Wrote, recorded, produced, and sold three electronic music albums.
* Maintained an artist website using PHP, MySQL, and AJAX promoting and selling my music.