Samuel D. Colburn

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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" 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](#)
    - [Tex Murphy: Under a Killing Moon](#)
    - [Tex Murphy: The Pandora Directive](#)
- Played the part of "Angelo" in the audiobook [Breach: The Union, Part 1 by Robert Allan](#).
- Recorded narration for [instructional videos for Resara LLC](#).

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.