Jeffrey **Hafner**

PHYSICIST & UNIX ENGINEER

154 Ritchie Rd, Fulton NY 13069

+1-315-532-0278 | jeffrey.p.hafner@gmail.com | jphafner.github.io | jphafner | jphafner

Unix Engineer | Physicist, Computer Scientist

Innovative and drive IT professional with demonstrated success in maintaining technology, understanding client requirements and developing effective solutions, supporting a wide range of business applications. Highly skilled in installing, diagnosing, repairing maintained and upgrading hardware and software. Able to troubleshoot problem are on site or remotely, resolve user and system problems, and develop training to address knowledge gaps. Experience compliments by Ph.D. in Physics.

Technical Portfolio: C, R, and Python, Scheme, Lua, Bash, Perl, Fortran, C++, LaTeX.

Experience

Unix Linux Systems Engineer   *New York, NY*

IPSOFT INC   *Aug 2016–Mar 2018*

- Manage IT infrastructure of high profile clients.
- Monitored client environments and developed automation to resolve issue.
- Provided automaton to clients using Ansible, for example patching.
- Most utilized VMWare, I have experience using VMWare.
- Had commendable communication with key clients, McKesson.
- Managed Unix/Linux hosts everyday.
- Diagnosed issues with Unix/Linux.
- Used scripting languages, Python and Bash.
- RHCSA certification was used often on this job.

Research Assistant   *Buffalo, NY*

UNIVERSITY AT BUFFALO   *Aug 2008–Dec 2011*

- Produced three peer reviewed publications, with one selected for conference presentation, and one chosen as an editor's pick.
- All resources used were an HPC environment hosted at the Center for Computational Research at Buffalo.
- Several hundred jobs were run on the HPC environment.
- All code was written by me, so all debugging was done by me.
- I took a HPC course, and got an A.

Volunteer

Physics Graduate Student Association Senator   *Buffalo, NY*

UNIVERSITY AT BUFFALO   *Aug 2008–Dec 2011*

- Spent three years maintaining and starting the graduate student computer lab.
- It involved OpenLDAP, OpenAFS, Kerberos, and Python to bind things together.
- I was also in charge of the department webserver

Education & certifications

University at Buffalo   *Buffalo, NY*

PH.D IN PHYSICS   *Aug. 2006 – Feb. 2012*

Andrews University   *Berrien Springs, MI*

B.S./M.S. IN BIOPHYSICS AND MATHEMATICAL STUDIES   *Aug. 2001 – Aug. 2006*

| 2016 | **Red Hat Certified System Administrator**, License 130-172-497 | *RHCSA* |
| 2016 | **Cisco Certified Entry Networking Technician**, License CSCO12981391 | *CCENT* |