

# Jeffrey Hafner

PHYSICIST & UNIX ENGINEER

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## 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++,  $\text{\LaTeX}$ .

## Experience

### Unix Linux Systems Engineer

IPSOFT INC

New York, NY

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

UNIVERSITY AT BUFFALO

Buffalo, NY

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

UNIVERSITY AT BUFFALO

Buffalo, NY

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

PH.D IN PHYSICS

Buffalo, NY

Aug. 2006 – Feb. 2012

### Andrews University

B.S./M.S. IN BIOPHYSICS AND MATHEMATICAL STUDIES

Berrien Springs, MI

Aug. 2001 – Aug. 2006

2016 **Red Hat Certified System Administrator**, License 130-172-497

RHCSA

2016 **Cisco Certified Entry Networking Technician**, License CSC012981391

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