

Erik Green

Experience

Post-Master's Research Associate

Oak Ridge National Laboratory, Oak Ridge, TN

January 2012 – Present

- * Currently working on the ARM Data Archive
- * Day-to-day work includes facilitating the curation of scientific data by writing new programs, trouble-shooting and fixing existing programs, and analyzing and improving system processes
- * Involved in an ongoing effort to document all ARM processes and procedures
- * Redesigned tape backup solution to utilize multiple tape drives per system to increase throughput of scientific data being archived to tape

Finance and Operations Intern

3Degrees, San Francisco, CA

June 2011 – August 2011

- * Assisted with implementation of MS Dynamics Customer Relationship Management software
- * Researched functionality of CRM software and provided training to sales team
- * Created sales reports for management based on CRM and MS Excel
- * Documented business workflows and created database spec for Utility Partnerships team

Greenhouse Gas Assessor

Grand Canyon Railway Hotel, Flagstaff, AZ

January 2011 – May 2011

- * Implemented greenhouse gas emissions inventory based on The Climate Registry's General Reporting Protocol
- * Provided detailed report summarizing findings and presented to client
- * Made recommendations for reducing emissions and improving energy efficiency

Senior Unix Systems Administrator

Citigroup, Tokyo, Japan

August 2006 – August 2010

- * Managed the retirement of 250+ servers resulting in a huge reduction in data center, software licensing and hardware leasing costs
- * Technical lead on data center migration project
- * Lead SA for the "Dematerialization of Stocks" project
- * Coordinated and led team in several COB tests
- * Managed and mentored offshore team located in Chennai, India

English Teacher

English Village, Tokyo, Japan

September 2004 – August 2006

- * Prepared individualized lesson plans to achieve student goals

Senior Unix Systems Administrator

Washington Mutual Bank, Seattle, WA

May 2001 – March 2003

- * Designed and implemented web server load testing environment for wamu.com
- * Provided testing and support for wamu.com online banking launch
- * Continued day-to-day and on-call support of wamu.com and Unix platform

AIX Systems Consultant

AdvancePCS Healthcare, Scottsdale, AZ

July 2000 – May 2001

- * Designed, tested and implemented an IBM HACMP highly available environment for new prescription billing system

Solaris/AIX Systems Administrator

Charles Schwab, Phoenix, AZ

June 1998 – July 2000

- * Involved in major effort to triple capacity of investing.schwab.com web site, bringing total number of servers to 1500+
- * 2nd shift lead Systems Administrator

AIX Systems Administrator

American Express, Phoenix, AZ

June 1997 – June 1998

- * Provided operational support for IBM AIX and Sun Microsystems platforms
- * Developed programs to parse system and security logs and provide reports to management

Unix Systems Administrator

U.S. Geological Survey, Flagstaff, AZ

October 1995 – June 1997

- * Developed process to transfer satellite images from 9-track tapes to CD
- * Wrote program to recover corrupted satellite images

Education

M.S. Climate Science and Solutions

Northern Arizona University, Flagstaff, AZ

August 2010 – December 2011

- * Awarded NAU graduate fellowship funded by the National Science Foundation

B.A. General Studies, Computer Science Focus

Northern Arizona University, Flagstaff, AZ

August 1992 - May, 1997

- * Minor in History

Japanese Language Study

Academy of Language Arts, Tokyo, Japan

July 2003 – August 2004

- * 1 year of Japanese language classes

Skills

- * Strong background in many flavors of Unix, including Solaris and Linux
- * Expertise in administering Unix systems, including troubleshooting hardware, software and network issues, performing system backups, hardware installation & replacement, management of installed software and system updates
- * Extensive knowledge of various programming languages including Python, PERL, C/C++ and Unix shell scripting
- * Familiarity with other programming languages such as Java and PHP
- * Familiarity with SAS and R statistics software
- * Familiarity with load testing software such as SilkPerformer and LoadRunner
- * Familiarity with MS Dynamics Customer Relationship Management software
- * Greenhouse gas inventory skills based on TCR GRP