Resume of Eric Edward Moore

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1 Computer Skills

Unix/Linux Math and Science tools (e.g. matlab, maple, etc), Linux System Administration, Amazon Web Services
Programming C, C++, LISP, FORTRAN 77, FORTRAN 90, Python
Cloud Amazon Web Services, Google Cloud Services, Containers/Docker/Kubernetes, Distributed System Design

2 Work Experience

2.1 Arena AI

Dates 09/2022 - 12/2022
Title Infrastructure Engineer

Improved companies security posture, working on implementing better least-privilege controls. Woked on bringing existing infrastructure under terraform. Performed various additional debugging and routine tasks as needed.

2.2 Level

Dates 09/2020 - 08/2022
Title Infrastructure Engineer

Built out monitoring and alerting infrastructure for the entire company. Worked on defining policies and procedures for on-call responsibilities and incident response, as well as organization wide guidelines for service health.

2.3 Google

Dates 06/2015 - 07/2020
Title Site Reliability Engineer

Worked on maintenance of critical internal infrastructure with both internal and external users. A key contributor to the design of major architecture improvements for greater scalability and reliability, and led design and implementation of several sub-projects in the overall project.

2.4 Brandorr Group
Dates 07/2008 - 06/2015
Title System Administration Consultant
Maintained multi-host Unix/Linux infrastructure for clients. Developed system adminstration tools to automate administration tasks. Wrote a work queuing system. Developed a website using Drupal.

2.5 St John's University
Dates 09/2007 - 05/2010
Title Adjunct/Visiting Professor
Taught Undergraduate General Chemistry Lectures, and the Physical Chemistry Laboratory course

2.6 New Jersey Institute of Technology
Dates 12/2004 - 06/2006
Title Postdoctoral Research Associate
Performed calculations on reactions of interest in combustion chemistry. Calculating spectra of chemical warfare agents and toxic industrial chemicals. Also assembled linux cluster for the group's use.

2.7 University of Sheffield
Dates 05/2001 - 04/2004
Title Postdoctoral Research Associate
Code (C++, F77, F90) and method development for modelling of conducting polymers.

2.8 Carnegie Mellon University
Dates 09/1994 - 08/2000
Title Graduate Research Assistant
Code (C++) and method development for modelling of conducting polymers.

3 Education
3.1 Carnegie Mellon Pittsburgh, PA United States
Degree Phd
GPA 4 of a maximum 4

Major Chemistry

3.2 Carnegie Mellon Pittsburgh, PA United States
Degree BS
Major Chemistry Minor: Computer Science Track

4 Affiliations
New York Police Department Auxiliary Forces Section - Auxiliary Police
Lieutenant