

George Thomas
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OBJECTIVE: MySQL DBA/Developer.

LANGUAGES: Linux/Unix shell scripting, MySQL, Perl, Python, Ruby, C, HTML, conversational Spanish.

SOFT SKILLS: database design, data QC, technical report writing, problem solving, ability to work with a variety of technical and non-technical personnel, technical documentation, public speaking.

CERTIFICATIONS: MySQL DBA

PROFESSIONAL EXPERIENCE

Renewable Energy Data Manager

3TIER Environmental Forecasting 10/2007 - 9/2009

Developed Python/MySQL data acquisition modules for 155 client data feeds.

Developed data QA and monitoring code in Ruby on Rails.

Reduced runtime of verification code from 17 minutes to 2 minutes by code rewriting.

Interfaced with 45 clients regarding data QC.

Research Scientist/Engineer III

UW Civil Engineering, 9/2005 - 10/2007

Maintained hydrology model C code.

Implemented daily hydrology forecasting over North America.

Developed Perl scripts for downloading of meteorological observations.

Research Scientist/Engineer II

UW Earth and Space Sciences, 8/1999 - 9/2005

Lead in deployment of regional array of digital seismographs.

Engineered serial and TCP/IP communications between UW and outside organizations.

Developed MySQL database of seismograph calibration information.

Supervised field crews in physically demanding environments.

C programming of time-series analysis code.

Research Consultant

NOAA/PMEL-Sand Point, 7/1998 - 8/1999

Programming in Perl, Matlab, and VMS scripting.

Monitored sea-surface data from TAO array.

Analyzed calibration coefficients of RM Young anemometers and published analysis results in internal NOAA report.

EDUCATION

BS, physics, University of Washington

MS, geophysics, University of Washington

PROFESSIONAL AFFILIATIONS: American Geophysical Union