

Aaron J. Poyer

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Technical Skills

HARDWARE

- PC / Desktop / Notebook
- Some Macintosh

LANGUAGES

- Graduate course in HTML
- Introductory course in BASIC
- Introductory course in PASCAL
- Introductory course in FORTRAN
- Introductory course in JAVA
- Introductory course in C++
- Self Taught intro Visual BASIC

OS / APPLICATIONS

- Win 3.1 - XP
- Self taught introductory UNIX
- Novell for NT/2000
- BUFKIT
- PC Anywhere
- Microsoft Access
- Microsoft Excel
- Microsoft FrontPage
- Microsoft PowerPoint
- Microsoft Outlook
- Microsoft Publisher
- Microsoft Word
- Lotus Notes
- Corel Office Suite
- Adobe Photoshop
- SPSS
- E-Mail, Internet, and World Wide Web, FTP, Telnet
- GARP
- GEMPAK
- Others can be learned upon request

OTHER

- Use of general office equipment
- Use of telephone and Voice-mail systems including several lines
- Use of A/V and Camera equipment
- Installation of PC hardware and software.
- Minor soldering of audio and electrical wiring.
- Automated weather sensor maintenance.
- Photography, photo emulsion and digital. Black and White darkroom experience.

Summary of Abilities

I am very personable and have a strong professional drive. I am a valuable and fair team player, with leadership experience managing others for previous employers, yet I am quite able to work long hours alone in physically and mentally demanding situations. I am able to adapt, learn rapidly, and function efficiently in challenging situations and environments. I have the ability to communicate well both in writing and verbally. I am very dependable and have always been dedicated to my professional duties. I have received high ratings on performance reviews. I am currently pursuing my Masters Degree in Environmental Biology part time in the evenings; which exemplifies my ability to handle multiple tasks effectively.

Position Related Work History

Physical Scientist/ Research Meteorologist, December 2002 - Present

Science Applications International Corporation / Sterling, VA.

Test weather sensors for the NOAA/NWS Automated Surface Observing System (ASOS). Collect and analyze data from sensors and write reports deliverable to the U.S. Government based on the results of testing. Organize test procedures and submit test plans to NOAA Test Directors for approval. Provide clinical weather observations to be used by SAIC and NOAA personnel as a reference for their testing. Develop and improve current ASOS sky condition algorithms. Coordinate ceilometer sensor testing, and conduct other sensor tests. Brief the NOAA/NWS client on test results and give recommendations. Monitor and forecast short term weather in support of observational duties. Repair and maintain remote weather sensing equipment and internal computer hardware and software on an as needed basis. Develop databases and macros for data archiving and analysis. Work with the senior software designer and senior software developer in testing and implementing needed changes to Ceilometer data acquisition and post processing software as well as other data collection and analysis systems.

Statistical Data Analyst II, February 2001 – December 2002

The Orkand Corporation / Reston, VA.

Responsibilities included maintaining contacts with industry trade organizations and companies in order to record and error correct monthly and annual industrial minerals and metals surveys for Zinc, and Dimension Stone. Conduct data analysis and compilation in support of the U.S. Geological Survey's monthly, annual, and mineral commodities summary publications. Complete special assignments for various agencies including; The Defense Logistics Agency, The U.S. Department of State, The U.S. Congress, and various state geologic surveys.

Education

Masters of Science Degree / Environmental Biology, August 2000 – Present (in progress)

Hood College Graduate School / Frederick, MD.

Bachelor of Science Degree / Meteorology, August 1997 – May 2000

State University of New York College at Oswego / Oswego, NY.

Regents Diploma, September 1990 – June 1994

Ithaca High School / Ithaca, NY

References

**Business contacts are available upon request.*

**Personal contacts are available upon request.*