Paul M. Mischler

925 Turin St. - Rome, NY 13440-2362 – Phone: (315) 292-4617
Web: http://www.paulmischler.com/ - E-Mail: hireme at paulmischler dot com

GOAL

To secure a position in Software Engineering and Systems Development.

EXPERIENCE

Associate Computer Scientist. 2003-2005
Air Force Research Laboratory, Information Directorate, Rome, NY
- Designed and implemented a multiple-resolution map image tiling algorithm for use in a situational awareness application. Earned AFRL "Success Story" award for work related to this algorithm
- Conducted research into the use of rule based expert systems and XML/RDF based ontologies for use in Command and Control Systems and Components (C4I).
- Developed statistical modeling tools for simulating network traffic in a peak demand environment.
- Evaluated Small Business Innovation Research proposals for competitive selection.
- As part of a team, developed and implemented a peer mentoring program for new Scientists and Engineers to increase employee morale and improve new-hire experience.

Software Developer Co-op. March 2000-October 2001
Software AG USA, Inc., Research & Development, Rochester, NY
- Performed full software life cycle duties on an Enterprise integration software package.
- Connected Java and XML based Enterprise Integration software package with legacy screen-based systems and packaged applications such as Broadvision, SAP and PeopleSoft.
- Created JSP based testing suite for Broadvision Adapter.
- Performed unit and regression testing on Adapter technologies.
- Maintained existing software projects by correcting errors and creating new builds of the projects.

Internet Developer/Student Assistant. 1997-2000
National Technical Institute for the Deaf, Rochester, NY
- Designed, developed, and maintained department website.
- Developed web applications to access database information for students.
- Created computer programs to automate tedious department tasks.
- Trained hearing and deaf members of department in computer use.
- Assisted with clerical duties, including budget and resource allocations.

SKILLS

Programming Languages: Java, C++, PERL, Object Oriented Programming
Operating Systems: Windows, Linux, Solaris
Open Source Development: Custom development work for KSNT-TV, Topeka, KS.
Mozilla Firefox, bug submissions, technical documentation, quality assurance

SECURITY CLEARANCE

Yes. Details available on request.

OTHER EXPERIENCE

Staff Assistant. December 2001- September 2002
National Technical Institute for the Deaf, Rochester, NY
- Responsible for equipment procurement, budget process, supervising of student employees and clerical duties for a medium size department.

EDUCATION

Bachelor of Science Degree with High Honors in Computer Science, March 2002
Rochester Institute of Technology, Rochester, NY.
GPA: 3.66/4.0, Presidential Scholarship, Deans List 9 of 11 quarters.

ACTIVITIES

Eagle Scout. Concert Photography. Alumni member, RIT Student Music Association. Volunteer, Folkus Project, Syracuse, NY.

REFERENCES

Available on request.