

MICHELLE CELICH

CELICH@YAHOO.COM

PROFILE

- ❑ Computer scientist with broad understanding of technology issues related to defense industry.
- ❑ Excellent ability in writing, researching, analysis, and public speaking.
- ❑ Extensive reading in foreign affairs, history, defense analysis, and national security.
- ❑ Five years experience in programming, computer networks, and web page development.

EXPERIENCE

Space and Naval Warfare Systems Center, San Diego, CA

Computer Scientist, 1998 - Present

One of four technical advisors selected to oversee the development of leading edge sensor systems for the Defense Advanced Research Project Agency (DARPA) . Act as an intermediary between military end-users and defense industry scientists. Assess the potential of new technology for military and commercial markets. Advise on the direction of research and development. Measure the effectiveness of completed prototype systems. Accomplishments:

- ❑ Served as assistant director for six major competitive field tests at installations around the country. Coordinated activities between military units, defense contractors, and government personnel.
- ❑ Prepared reports on the technical merits and cost effectiveness of over 40 separate funding proposals relating to sensor technology, each ranging in value from \$100,000 to \$6 million.
- ❑ Initiated a requirement for contractors to standardize the reports from their sensors. This allowed for accurate comparisons between systems and encouraged interoperability.
- ❑ Designed and developed a complete software package to automate the statistical analysis of competing systems. Project has turned a several month evaluation process into a one week task.

NASA – Jet Propulsion Laboratory, Pasadena, CA

Software Engineer, 1997

Computer simulation and modeling of 14 instruments and sensors, power subsystem, and on-board microcomputer for the Mars Microprobe New Millennium-Deep Space 2 project. Model allowed NASA engineers to predict quality and quantity of communication transmissions as well as battery operation over mission lifetime.

Weyerhaeuser Company, Federal Way, WA

Information Technology Intern, 1996

Provided PC and network support to over 900 engineers and scientists at the Weyerhaeuser Technology Center. Created extensive disaster recovery documentation for all Windows NT servers and programmed an Access database to track network information.

EDUCATION

University of Washington, Seattle, WA
B.S. Computer Science, 1998
GPA: 3.5/4.0

PROFESSIONAL ACTIVITIES

Conference Committee Member and Session Chair:

- ❑ Unattended Ground Sensors and their Applications II, SPIE Aerosense 2000, Orlando, FL
- ❑ Technologies for Law Enforcement , SPIE Photonics East 2000, Boston, MA

Publications:

- ❑ Review of Principles of War for the Information Age by Robert Leonhard, *Marine Corps Gazette*, accepted for publication in the March 2001 issue.

Additional Education:

- ❑ Naval War College, Non-resident Graduate Program, 2000-present.
Coursework in Strategy, Policy, and National Security.

TECHNICAL SKILLS

Programming: C, C++, Perl, tk/tcl, Visual Basic, Java, HTML, Windows OLE, MIPS Assembly.
Operating Systems: Windows 95/98/NT, Macintosh OS, UNIX, LINUX,.
Software: Word, Excel, Access, Explorer, FrontPage, Netscape, Adobe Photoshop.

CLEARANCE

Secret, US Citizen