

## **RESUME**

**CHARLES FREDERICK SCHILLING JR.**  
Senior Master Sergeant (E8), United States Air Force (RET)  
Engineering Technician South Dakota School of Mines and Technology  
840 North Spruce Street Lot #365  
(605) 391-7522

### **POSITION OBJECTIVE**

Board of Directors that can use my skills, knowledge, and experience

### **SKILLS**

Twenty two years of experience as a state university engineering department technician. Proficient in troubleshooting and repair of electronic testing machines and mechanical equipment, machining, welding, design and fabrication of equipment for research purposes, servo-hydraulic control and feedback, computers and peripheral equipment, and dynamic testing of materials. Experienced as a military division level operations manager of fifteen remote operating locations and fifty-six support personnel. Planned, directed, organized, coordinated and controlled technical activities, logistical support and administrative operations. Six years experience managing a remote self-contained, self-supporting missile launch control complex. Supervised security, maintenance and food service technicians in the performance of their duties. Operated and maintained power generation, air conditioning/heating, water/waste treatment and heavy equipment. Twenty-three years experience with electronic test equipment, computers, peripherals, and automated checkout consoles. Master Technician rating for installing, modifying, troubleshooting and repairing digital/analog full size computerized training simulators. Developed computer diagnostic software for the purpose of maintenance and repair. Master Instructor of technical training for operation and repair of electro-mechanical equipment, test equipment, computer hardware/software, peripherals, and support interfaces.

### **WORK EXPERIENCE**

1989 - 2011, Mechanical Engineering Technician, South Dakota School of Mines and Technology, Rapid City, SD  
1989 - 1989, B-IB Avionics Maintenance Supervision, Ellsworth AFB, SD  
1988 - 1989, Chief, Launch Control Facility Management Division, Ellsworth AFB, SD  
1985 - 1988, Superintendent, Launch Control Facility Management Division, Ellsworth AFB, SD  
1983 - 1985, Instructor, Launch Control Facility Management Division, Ellsworth AFB, SD  
1982 - 1983, Launch Control Facility Noncommissioned Officer in Charge (NCOIC), Ellsworth AFB, SD  
1980 - 1982, Chief of Maintenance, Missile Procedures Trainer Branch, Ellsworth AFB, SD  
1979 - 1980, NCOIC, Missile Procedures Trainer Branch, Vandenberg AFB, CA  
1978 - 1979, NCOIC, Minuteman II CDB Trainer Section, Vandenberg AFB, CA  
1975 - 1978, Master Instructor of Technical Training, Vandenberg AFB, CA  
1970 - 1975, Shift Supervisor, Missile Procedures Trainer Branch, Malmstrom AFB, MT  
1966 - 1970, Nuclear Missile Electronic Equipment Technician, Malmstrom AFB, MT  
1965 - 1966, Sheet Metal Mechanic and College Student, Hollywood, FL

### **EDUCATION**

Formal: Allen Hancock College, Santa Maria, CA  
Degree: Associate of Arts - Liberal Arts  
Community College of the Air Force, Maxwell AFB, AL  
Degree: Associate of Applied Science - Training Devices Technology  
Technical: Air Force and civilian contractor courses in electronics/computers (3,303 hours)  
Management: Air Force Noncommissioned Officer Academies and civilian schools (1,202 hours)

### **COMMUNITY SERVICE**

Rapid Valley Volunteer Fire Department; Captain; Vice President; 1980 – 2000; Retired  
Rapid Valley Fire District Board of Directors; 1996 – 2000; Resigned due to move out of the District

A detailed resume is available upon request. References are also available upon request.