

RESUME of RUSSEL L. BOICE

PERSONAL DATA:

ADDRESS- 5321 Riverdale LN
Thornton, CO 80229
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DATE OF BIRTH- November 20, 1953
BIRTHPLACE- Syracuse, N.Y.

EMPLOYMENT OBJECTIVE:

A position which will best allow me to apply my instructional, engineering and technical skills productively.

EDUCATION:

9/86 - 5/96 University of Southern Colorado
Earned Master of Science Degree in Systems Engineering
1/80 - 8/86 University of Southern Colorado
Earned Bachelor of Science Degree in Electronic Engineering Technology
Graduated August 1986, Overall GPA 3.583
9/83 - 12/83 Colorado State University
8/75 - 5/76 Arizona State University
1/75 - 5/75 Syracuse University
8/71 - 5/74 Onondaga Community College (Syracuse NY)
Earned Associate of Applied Science Degree in Electrical Technology

EMPLOYMENT EXPERIENCE:

**7/1/01 – Present University of Colorado at Denver
Campus Box 170
1250 14th Street
Denver CO 80202**

Computer systems administrator and lab coordinator for the Math Department. I maintain servers, workstations and computer equipment using Linux and other operating systems. I maintain application software and provide technical and instructional support for the department as needed.

**5/31/00 – 10/2/00 PACE Technical School
For US-West
Colorado Springs, CO**

I taught a basic electronics class for employees of US-West under contract with PACE a company which has since merged with Sylvan Learning Systems (www.educate.com) My supervisor was Robert P. Preece, based in Pasadena, CA. I taught about 12 adult students, meeting two nights a week from 6PM to 8PM. I used well developed curriculum materials with a lot of hands on emphasis to teach electronic fundamentals.

**1/22/85 - 6/30/01 University of Southern Colorado
2200 Bonforte Blvd.
Pueblo, Co. 81001**

Employed as an Electronic Specialist III. I Designed, constructed and maintained electronic equipment, develop software and administered UNIX and Windows NT based computer network servers used in research. Equipment maintained includes a 300 MHz NMR, FTIR, GC MS, AA and Optical Spectrometers, an eye-tracking system, Scanning and Transmission Electron Microscopes. I designed hardware and software for a system similar to an industrial process control computer to control experiments using Skinner boxes. I have written software for use in

4/1/74 - 4/25/75

**Burroughs Corp.
6712 Brooklyn Parkway
Syracuse N.Y. 13211**

Employed as a field engineer, servicing L-series accounting and intelligent data communication computers and associated equipment, including a variety of magnetic tape, punched card, and high speed printer peripheral equipment. Duties included setting up this equipment for installation and field service of this equipment in business offices throughout central New York State.

5/7/73 - 9/9/73

**GTE Sylvania, Inc.
Data Processing Center
5700 West Genesee St.
Camillus, N.Y. 13031**

Employed on night shift. Transferred data from magnetic tape to appropriate printed format

PUBLICATIONS:

Gardner, R, Boice, R. *A computer program to generate signal detection theory values for sensitivity and response bias.* Behavior Research Methods, Instruments, & Computers, 1986, 18(1), 54-56.

Boice, R. & Gardner, R. *A computer program to generate parametric and nonparametric signal-detection parameters.* Bulletin of the Psychonomic Society, 1988, 26(4), 365-367

MISCELLANEOUS EXPERIENCE AND INFORMATION:

Hold a renewable Vocational Credential issued by the Colorado State Board for community colleges and occupational education. This is a state certification that I am qualified as a college level instructor.

I have built and own a variety of electronic service equipment including a dual trace oscilloscope, signal generators and meters. I own several types of personal computers: VIC20, Apple II+, ZX81, TRS-80 Model I, and an IBM compatible with custom voice I/O unit, and universal ROM/EEPROM reader and programmer.

I have organized, and served as president of a local PC users group.

I have designed and built custom telemetry to sound conversion hardware to allow a blind person to operate a commercial radio station under contract to the state of Colorado Dept. of Social Services, Division of Rehabilitation.

I have developed and commercially marketed voice synthesis software for microcomputers.

I have written a custom program for keeping track of street maintenance under contract for the City of Pueblo, Engineering Division and have given classes for the city in computer operation.

I have served as Consulting Engineer and Chief Operator for local broadcast radio stations.

I have an interest in general aviation and have flown solo as a student pilot.