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Virgil G. Buell

Objective

Find a position teaching robotics, computer technology, or other STEM instruction. My teacher certifications include 8-12 Math , 8-12 Computer Science, 4-8 Math, 4-8 Math/Science, EC-4 Generalist, and 4-8 Generalist. I am GT certified.

Summary of Teaching Qualifications

- Teacher – Story Intermediate, Palestine ISD, TX (Fall 2012-Present)
- Teacher – Palestine Middle School, Palestine ISD, TX (Fall 2010-2012)
- Teacher – Story Elementary, Palestine ISD, TX (Fall 2007-Spring 2010)
- Teacher – Walnut Creek Elementary, Austin ISD, TX (Fall 2006-Spring 2007)
- Teacher – Running Brushy MS, Leander ISD, TX (Spring 2005-Spring 2006)
- Texas State University Teacher Recruitment Program (Certification Spring 2004)
- Two years substitute teaching (all grade levels)
- Six months teaching remedial math to second grade students

Education

May 2004   Texas State University   San Marcos, Texas
Teacher Recruitment Program (A 21 semester hour, graduate level, teacher certification program.)

May 1984   UT Tyler   Tyler, Texas
Bachelors of Science Computer Science. I have 31 semester hours of mathematics beginning with calculus. Additional emphasis in science and business.

Reflections on My Out-of-the-Classroom Experience

Many of the skills and attitudes I developed before entering teaching improve my performance when working within the education environment:

- I have been a manager so I can identify with the difficulties of being an administrator.
- I have worked in teams and been a team leader.
- I have worked on my own for months at a time.
- I have shown great attention to detail.

Experience

Summer 2012   UT Tyler   Tyler, TX
Project lead the Way - STEM Training
I completed the core GTT training in Design and Modeling, Robotics, and Green Energy.

Fall 2012-Present   Story Elementary   Palestine ISD, TX
Teacher: STEM – Project lead the Way – Design and Modeling
ALL 6th grade students are trained in design and modeling and Autodesk Inventor.

Fall 2010-2012   Palestine Middle School   Palestine ISD, TX
Teacher: 6th, 7th, and 8th Grades
I was hired to each Computer Applications to 8th graders. I was pulled from my class to teach math and science during the spring. I developed my own curriculum.

Fall 2007-Spring 2010   Story Elementary   Palestine ISD, TX
Teacher: 5th Grade
Math only during 2007-2008. Math and science after that.

Fall 2006-Spring 2007   Walnut Creek Elementary   Austin ISD, TX
Teacher: 5th Grade
Self contained classroom teaching all subjects.

Spring 2005-Spring 2006   Running Brushy Middle School   Leander ISD, TX
Teacher: Title 1 Mathematics (Math Adventures)
I taught Title 1 Math to 6th, 7th, and 8th grade students had failed their most recent math TAKS test. They attended their regular math class for 1½ hours each day and then came to me for an additional 45 minutes each day. I created the curriculum. I attended several trainings including two multi-day trainings on using quality control tools to monitor and improve classroom performance. I made a presentation on my use of quality control tools at the 2006 Leander ISD Continuous Improvement Conference.

| 1996–2004 | B & K Enterprises | Georgetown, TX |

Partner: Internet Consultant, Programmer, and Publisher

As a partner at B & K my responsibilities included the day-to-day operations of the business such as marketing, customer service/relations, accounting, etc. I was also responsible for all phases of web publishing, i.e. website design, HTML coding, server maintenance, CGI scripting, database publishing, and general consulting.

| 1992-1996 | Southwest Software | Austin, TX |

Software Engineer

This position required a self-starter who could work with little or no supervision. I completed the design and coded ProofWatch, a software application that reads the densities of color patches of a press proof with a densitometer, calculates several values from the densities, quality inspects the proof by comparing the measured and calculated values to user-definable values, performs statistical process control analysis, and saves the proof data for future reference. I also wrote the technical draft for the manual. I redesigned and maintained the internal customer database used to track all customer communications, order entry, and invoicing. NOTE – this required attention to detail.

| 1991-1992 | Origin Systems | Austin, TX |

Project Manager/Producer

In the positions of project manager and producer I managed programmers, artists, writers, general assistants, and other managers in the creation and translation of state-of-the-art computer games. I managed up to five projects concurrently. My responsibilities included:
- creating and maintaining schedules using project management software.
- tracking daily progress of employees and noting progress in relation to the schedule and modifying the schedule as necessary.
- interviewing prospective employees.
- preparing written performance evaluations for employees and conducting face-to-face evaluation interviews.
- NUMEROUS other tasks as assigned.

| 1989-1990 | Technology Works | Austin, TX |

Software Engineer

I was one of five software engineers who designed, coded, and tested MacSurvey, a series of applications developed under contract for Apple Computer, Inc. These programs allowed Apple to design, administer, and collate the results of disk-based employee surveys on the Macintosh.

| 1986-1989 | Boeing | Seattle, WA |

Lead Programmer/Project Lead

Two major projects. As a project lead, my responsibilities included:
- educating users and managers on the automation process by explaining software engineering and information engineering concepts and references.
- systems analysis and documentation of the current system.
- providing suggestions regarding a strategic data plan.
- managing the project with standard project management methodologies.
- evaluating software products for constructing the database and its interface.
- ordering required software and hardware through Boeing channels.
- suggesting an automation plan to convert the current system.
- designing the system.
- writing and maintaining prototype systems with the database application.

| 1973–1988 | US Army and Army National Guard |

Enlisted and Commissioned Officer

I held Top Secret clearances in both enlisted and officer ranks.

Interests

I have flipped hamburgers, hot-tarred roofs, been paid for photography, and driven tanks and school buses. My biggest hobby is collecting hobbies. I am active in Amateur Radio Emergency Services (community service and fun). My wife Ingrid and I had a costume wedding where I dressed as Robin Hood.

While we live - let us live.