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Objective:

To gain a position as a Mathematics/Computer Science/Spanish instructor.

Experience:

June 2003-Present

High School Substitute teacher (various schools)

Substitute teacher (Analytic Geometry, Algebra)

Teacher Substitute Nov-01-2002 - May 2003

MACSA (Mexican American Community Services Agency)

Substitute Teacher for high school students (Spanish).

Duties: work as a teacher (lecture, assign homeworks, grade homeworks, assign and grade quizzes and do all duties pertaining to a teacher).

Tutor for Advanced Program calculus students at the San Jose Union High School District Nov 2002 – Jan 2003

Duties: work with students in the AP manual and lecture them as needed

Independent Tutoring 1997-Present

Tutor for organized groups of students.

Duties: do pre-exams reviews; help classmates to solve problems to complete homeworks.

Duties: Help children to complete homeworks and to prepare for midterms, SAT, GED, etc...

Private Precalculus and Physics Tutor for high school and college students.

June 24, 2002 – August 2, 2002

East Side Union High School District, Summer Program: Precalculus Teacher Assistant.

Duties: Grade homeworks and exams; Solve quizzes problems for a better understanding and for verification of answers; lecture one lesson (one or two sections) each day.

Sept 2000 – Dec 2001.

Santa Clara University; Santa Clara CA. Mathematics (Calculus) Tutor.

Duties: Tutor SCU freshmen and sophomore students in calculus; help any other students including classmates in linear algebra, abstract algebra, computer programming, and other math and computer science classes.

Education:

BS in Computer Science (Mathematics) Magna Cum Laude with a minor in Computer Engineering. Santa Clara University; GPA: 3.7. CBEST test: Passed.

Math Skills:

Numerical Analysis, Linear Algebra, Calculus with Analytic Geometry I, II, III, and IV, Advanced Calculus, Probability and Statistics, Introduction to Computer Graphics, Theory of Automata and Languages, Theory of Algorithms, Introduction to Abstract Algebra, Differential Equations, Writing for mathematicians.

Activities and Achievements:

Member of PME (Pi Mu Epsilon of the National Mathematical Honors Society) – honors.
Tutor in Mathematics for PME in Santa Clara University
Member of UPE (Upsilon Pi Epsilon for the Computer Engineering department in Santa Clara University) –honors
ChALESS (Chicanos and Latinos in Engineering and Sciences)-member.
April 2002: Nominated for the Valedictorian Award (SCU).
CBEST test (Passed).
Member of PBK (Phi Beta Kappa) –honors.
1985 Regional Schools Chess Tournament in Mexico: 2nd place
1980 First place in school achievement for the local district and 15th place school achievement in the state of Jalisco, México.

Computer Skills:

TOOLS: Microsoft Office, Adobe Photoshop, HTML, Open GL, Cold Fusion,
OPERATING SYSTEMS: Windows(95, 98, 200, me), Unix. DATABASES: SQL, Access. PROGRAMMING LANGUAGES: Java, Java Servlets, Javascript, JDBC, Perl, C, C++, PL/SQL.

Additional Skills:

Excellent Communication in both Spanish and English.
Experience in tutoring person to person .
Open to change.
Easy learner.
Excellent organizational skills.
Good at working in group as well as individually.
Positive minded.
Goal oriented person.
Experienced at learning and teaching mathematics as well as other technical subjects.
Good at following manuals and work related instructions.