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Experience Overview: I am looking for a full-time programming position. I have been a programmer for over 25 years and a Programmer Analyst III for over a decade as webmaster for San Bernardino County. I have created and implemented hundreds of websites and applications. I created and maintained their current home pages <https://www.sbcounty.gov> and was responsible for the web servers, implemented all new technology, was lead analyst assigned to the Public Information Officer, involved in emerging technologies and policy groups, and was key for recommending tools and software for developers. I am a natural troubleshooter / problem-solver and played a huge role in getting other developers' projects on task and working with difficult or high profile customers and political elected officials. I multi-task and split-time on many concurrent team and solo projects daily.

Technology Overview: I was a key player in architecture, documenting, training, and implementing numerous systems including the county's current web farm of over 30 virtual servers including load-balanced web servers, database servers, Team Foundation Servers (TFS code repositories and version control) with build servers, analytic servers, and Content Management System instances. The server farm spans two physical locations for redundancy / replication, and includes development, test, and production environments. The main two web servers alone processed over 300 million page-views a year. I am fluent in many programming languages including PHP, .NET (C# and VB), MySQL, MSSQL, JavaScript, JQuery, Angular.js, React, Babylonjs, Nodejs, JSON, Web Forms, Web Services, XML, SOAP, WCF, Stored Procedures, SASS, HTML 5, CSS 3, Bootstrap, Java, WordPress (system, Plugin development, ACF, and API), Multiple CMS applications, eCommerce, Credit Card Interfaces, various API implementations, WebGL, and many others. I am an expert in Windows Servers, AWS, Azure, VMWare, Analytics, statistics, and data mining. I also work with HPUX,

Linux, Informix, Git, Adobe CC, iOS, mobile development, and DB2. I am responsible for all stages of the development cycle and communication with customers.

Customer Interaction and writing skills: I have trained customers in new technology and custom websites, written proposals, business requirements, technical requirements, documentation, curriculum, and bids, and even published my dissertation which was a qualitative, quantitative, and Delphi methods of research, statistics and analysis.

Analytics Experience: I have also implemented numerous instances of WebTrends, Google Analytics, custom-built analytics solutions, and am familiar with Adobe Analytics. I have used many statistical analysis tools (college and real-world).

Education and Teaching: I have a doctorate in Education Administration and Leadership, masters in education with emphasis in technology, and a bachelors in Information Systems Management. I have taught college and university classes and mentored hundreds of programmers. I even gave informational seminar classes at the county for employees of other departments. Statistics, algebra, and programming are my specialties. I learn very quickly and can teach it to others the very next day!

Quality and High Volume Experience: Preparing for elections numerous times a year with displaying election results to the public, I performed website load testing and quality assurance testing, then modified programs to achieve the optimum performance.

Compliance and Security: I monitored, corrected, audited, investigated, and implemented many ADA Compliance, WCAG, web standards, coding standards, government regulatory, cross-browser compatibility, HIPAA Compliance, and a large amount of security patches and have experience working and resolving threats from hacker groups working in cooperation with FBI, Homeland Security, and California Bureau of Investigation. I resolved issues and provided written executive reports of instances and resolutions to management.

EXPERIENCE

HTTP3D Inc. - WalkTheWeb.com

Founder, CEO 2014 - Present

US Patented inventor and entrepreneur of 3D Browsing (Combined Video Game with Browsing), which includes our 3D Content Management System (3D CMS) software as a service (SaaS) for creating and hosting 3D Websites.

County of San Bernardino

County Webmaster / Programmer Analyst III 2006 - 2017

Responsible to create and maintain some of the most political and high exposure. high traffic websites for the County including the County Intranet "Countyline" and the main home website <http://www.sbcounty.gov>. I was also responsible for the security and well-being of the web servers and all websites in general, oversaw all web activity, mentor over 100 developers, introduced new technologies, designed enterprise-wide solutions, and was a liaison for all County departments and outside agencies.

Programmer Analyst I & II / Co-Webmaster 1999 - 2001

As a programmer analyst, I worked on numerous large-scale projects and high-volume web sites.

EduPros Inc.

Founder, CEO 2003 - 2015

S-Corporation designed to support research and development for the gaps between education and technology. Served as a front for my dissertation research.

La Sierra University

Adjunct Computer Programming Instructor 2016

Created the curriculum, labs, and designed the course for 3D Browsing and 3D Website design. User Acceptance Study - I had 17 students in a computer lab environment assisting and improving the 3D Browsing concept.

Adjunct College Algebra Instructor 2004 - 2005

I taught as many as three classes per quarter in basic and intermediate algebra for students struggling to pass college algebra.

Riverside Unified School District

Substitute Teacher for Special Education 2004

I taught all subjects from 3rd grade to 12th grade in regular education, resource special education, and severely handicapped.

California Baptist University

Systems and Programmer Analyst 2001 - 2003

I facilitated the needs of various departments through data analysis, work-flow, management, business requirements, and software design. Departments included in my analysis were: Student Housing, Financial Aid, Payroll, Accounting, Recruiting, Registrar, Human Resources, Records, IT, Help desk, and others. Worked with HP-UX, Informix, and programmed in C, and various reporting software.

Riverside Community College

Adjunct Computer Instructor. 2001 - 2003

I wrote the curriculum and taught classes in web programming; Microsoft Active Server Pages (Classic ASP), Visual Basic Databases, and Beginning Computers.

EDUCATION

LA SIERRA UNIVERSITY · 2011

Educational Doctorate (Ed.D.) Leadership and Administration

Graduated with honors for my work and software development in matching students for university housing and advancements in the student housing application process.

CALIFORNIA BAPTIST UNIVERSITY · JUNE 2002

Master of Science, Education with an Emphasis in Technology

Teaching technology became the next step in my technical accomplishments.

CALIFORNIA BAPTIST UNIVERSITY · JUNE 2001

Bachelor of Science, Information System Management

Actively participated in the Neural-Network Club, which is about making logic decisions used by Artificial Intelligence.

RIVERSIDE COMMUNITY COLLEGE · 1989

Engineering and Business Major

Completed General Education courses, Including Calculus, Physics, Chemistry, English, Economics, Computers, Marching Band, and various business courses.