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**Summary**

* Career and Technical Education Teacher 22+ years
* Success integrating technology innovation into secondary education.
* Skill conceptualizing and implementing creative ideas and visual elements.
* Skill establishing design guidelines and best practices.
* Skill enforcing content standards.
* Engaging communicator, establishing solid relationships with clients, colleagues, and administration, while providing outstanding customer support.
* Technical skills: Microsoft Office Suite, Google Applications and productivity software, Synchronous Online Collaboration System (SOCS), Zoom, Social Media, Prezi, Adobe Creative Suite, OneDrive, Data files, GoGuardian, Google for Education LMS, Ascender LMS, VM/VSE Operating System, CMS (XEDIT) Editing Software, CICS, Extensible Markup Language (XML).
* Programming languages: COBOL, IBM JCL, VSE, VSAM, JCL, BASIC, IBM Assembler, EZTRIEVE, Java, Python, C++, HTML, CSS.
* Hardware proficiencies: IBM ES9000/9121/260, DYNAM/VSAM, IBM 3090-200, MVS, Cyber 180/870, NOS/VE, Dell Workstations/Laptops, Chromebooks, Printers, Peripheral Devices.

# Professional Experience`

**Strawn Independent School District, Strawn, TX**

*Technology Coordinator*

* Head of implementation of cybersecurity applications (GoGuardian software system) to ensure student safety and security online.
* Provide technical support for hardware and software applications for faculty, staff, and students.
* Create and maintain teacher and student accounts (in Google Classroom).
* Build and upload data files enabling state testing.
* Manage educational software data files and serve as project lead for creation of paperless classrooms and integration of Google for Education.
* Add users, passwords, and permissions to the network.
* Use of strong analytical and critical thinking skills to solve a wide variety of issues with hardware and software with networks, servers, cloud printing services and personal computers.
* Analyze and interpret data. Plan and test software updates.
* Developed high school computer classroom facility, planning, purchasing, organizing, and configuring twenty all-in-one desktop systems which provided students with current, innovative technology.
* Managed coordination, planning, purchasing, and implementing 180 Chromebooks into thirteen active classrooms that resulted in success of a technology goal of a 1:1 campus.
* Led process improvements to instructional delivery, implementing 16 Promethean Boards into classroom and student environments which led to successfully flipped classrooms.

**Strawn Independent School District, Strawn, TX**

*Webmaster*

* Designed, developed, and implemented district website from conception to launch.
* Test and improve design to increase web traffic via HTML.
* Enforced content standards and best practices to maintain website integrity.
* Presented and defended designs and key deliverables to peers and executive level stakeholders.
* Increased web traffic from parents, students, and community members by implementing innovative and eye-catching design changes while maintaining ease of use and readability.

**Strawn Independent School District, Strawn, TX**

*Computer Science Teacher (6th-12th grade)*

* Educate students on how computers work, from basic operations of storing and processing information to software specifics, including software tools, and programming.
* Design, develop, and implement age-appropriate yet innovative curricula, planning and implementing lessons and activities that facilitate students' acquisition of basic and advanced computer skills.
* Manage classroom dynamics, tracking and communicating student progress.
* Initiated interactive activities to further student concept development and comprehension based on current and relevant subject-matter expertise that resulted in a final grade increase by ten points.
* Developed assessment tools, evaluating students based on performance and examinations and providing effective feedback aligned with course objectives and intended outcomes that assisted myself and three other educators to gauge student retention.

**Additional Experience**

**National Foundation Life Insurance Company,** *Programmer/Analyst*

* Implemented and updated new and existing corporate health products using COBOL, IBM JCL, VSE, VSAM.
* Write, document, and review code.

**Cross Timbers Health Clinics, Inc.,** *System Specialist*

* Provided technical support for accounting systems, including insurance billing and payroll processing.

# Education

**Bachelor Degree, Computer Information Systems,**Tarleton State University, Stephenville, TX

*Minor: Technical Writing*

# Credentials

**State of Texas Certification: Technology Applications Grades (EC-12)**