

May 21, 2016

To Whom It May Concern:

I am very pleased to write this letter of recommendation on behalf of Allan Browning.

Allan served the Systems Manager, Information Technology at TUSD. Allan was initially brought on-board as a software and web developer and to assist me with TUSD's Aeries Student Information System. He and his company Vision Quest had already designed and developed the TUSD website and he already had intimate knowledge of the TUSD network and software architecture for web-based deliverables. However, it soon became apparent that his skills extended far beyond web and software development.

As a need arose, Allan could step into almost any technology role. With an organization the size of TUSD, infrastructure needed to manage its technology is vast and everyone in IT had to be able to multi-task. Allan quickly demonstrated extensive knowledge of Windows networking including AD, DNS, and Windows Security and took on the role of network administrator. When the district's Exchange server began having considerable issues, Allan took on the responsibility to manage Exchange and migrated the system to Exchange 2010. During that migration the district began server virtualization and Allan ensured that the new Exchange system was also virtualized and included redundant data stores to prevent loss-of-service.

While performing as network and Exchange admin, Allan continued to manage the IIS and develop web-based applications. Of significant note is his development of IT Central and the Personnel Data System. These two systems enabled the district Personnel department the ability to add new staff to the Window's network without waiting for the IT department. This reduced workload on the IT staff, increased turn-around time bringing staff on-board, and ensured timely access to network access and email for new staff. This was especially helpful at the beginning of a new school year. Another key feature of IT Central was student network account administration. Through IT Central, IT staff could manage student account data such as, username, passwords, site location and other AD attribute data. The system enabled automatic synchronization of student credentials with many third-party systems including Google Docs, Haiku, Accelerated Reader, and others. IT Central also integrated with Aeries to ensure proper teacher, class, and site assignments and provided a repository for data reporting.

Allan also developed an Inventory Management System, (IMS) for the Accounting department. Prior to the development of the IMS, management of district assets were managed through Excel spreadsheets. Items would come into the warehouse, and be hand counted and entered into an Excel file. The file would be emailed or carried to Purchasing who would then re-enter the data into the accounting system. The IMS eliminated the need to do most of the data entry by enabling the use of hand scanners to input data from the inventories. The data was uploaded and stored in an MSSQL data warehouse, (which Allan also developed and managed) and the data was immediately available to Accounting. The system provided the ability to manage the inventory information, update records, and provided workflows for common tasks. This system saved the district countless hours of time and cost associated with manual data entry, and reduced data-entry errors.

Allan initiated numerous other projects such as the Substitute Calendar System, Management Information System, Student Password Management System, and Facilities Maintenance Request System. He also prides himself in communications, management-level decision making along with a proven leadership style. Allan brings an arsenal of skills to any organization requiring this type of talent.

Please feel free to contact me for additional information.

Sincerely,



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