Dear University of the Pacific IT Team,

I am delighted to register my interest in the position of Database Administrator at your organization. As an experienced System Administrator with experience in data management and security, strong SQL, as well as a experience in building Python applications used in a production environment, I have all of the necessary skills required to succeed in this role.

In my recent role as an IT Support Technician at Blu Wireless Technology, I was part of a team of two system administrators with a wide range of responsibilities including IT Support, Data Management, IT Security, Network Management, System Monitoring and Software/Hardware Configuration for Unix, Linux and Windows operating systems. This included projects such as migrating the entire server system from CentOS 7 to Rocky Linux 9 and developing an Ansible configuration management system, reducing manual work for the IT team by at least 20x.

I also developed my Python coding skills by building automation tooling in collaboration with the Software Development team. This work automated much of their development pipeline and increased operational efficiency and increased visibility to management. This work was initiated by me and often executed in my spare time in order to expand my knowledge of computer systems and programming.

The role also required careful management of both user and organizational data. During my time with the company I attended a seminar on personal data security and participated in an overhaul of our network security to meet UK Cyber Security Essentials standards. This included segregating network regions and developing a disaster recovery procedure.

My academic background is in Theoretical Physics, in which I was awarded a Masters Degree from the University of Liverpool. This pursuit allowed me to develop world class reasoning and problem solving skills as well as a very strong grounding in both mathematics and empirical research. The diligent attention to detail and analysis of complex systems required to excel in such a discipline will doubtless contribute to my success in the Database Administration role at the University of the Pacific.

In my spare time I have a passion for developing cutting edge technology solutions. I am currently collaborating with another developer to build web based game where users can collect and compare profiles of dogs. My contribution was to train the deep learning model, and integrate it with the app such that it identifies the breed, queries wikipedia’s API and stores the collated information in an SQL database. I have also built several websites including my personal site: [www.josephfoster.me](http://www.josephfoster.me/) and a cover letter writing LLM prototype found here: [www.coverlettered.me](http://www.coverlettered.me/). This dedication to continual growth and self-led learning will deeply inform my approach to the database administration role and I will continue to grow and develop my craft and continually look for ways to improve the organizational infrastructure.

Thank you for considering my application. I am looking forward to discussing how my experience and skills align with the University’s needs.

All the best,

Joseph Foster