

Monday, February 6, 2016

Mr. Anthony Tam
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Professor Andrew Petersen:

I am applying for a research opportunity you have posted on the UTM ROPAPP. I am interested in a position for the summer term in 2017

I am eager to contribute to your ROP by offering the skills I have developed throughout my academic career and previous work experience. Previously, I worked as a data analytic at Canada Post, I learned various different techniques to mine information from a data source. I developed Microsoft Excel and Access macros to find unknown issues which reside in the mail flow. Currently, I run the server for the UTM Mathematics & Computational Sciences Society (MCSS), serving PHP, Flask and Node JS on Apache, as well as OpenLDAP and MySQL. Additionally, I maintain a home network which entails a Windows 2008 R2 Server, running Active Directory Domain Services, DNS, Windows Deployment Services, and multiple file shares. I maintain, upgrade, expand, and repair the network.

Attention to detail is extremely important in my day to day life. I have created an auto marking web application for the UTM MCSS. The app has the capability to request files from the user and compile the program in a controlled docker environment. The program is then executed with multiple test cases and results are returned to the user. If the submissions had errors, they were classified and the error was returned to the user. In my first year of university, myself and 3 others had entered a local hackathon and began working on a multi-platform mobile app. Our pre-planning and documentation brought us to win first place in the event. Formerly, I was the team lead of my high school technical team. I supervised a team of 5 to 10 students ensuring all equipment was setup safely while meeting the specified event requirements. I have also been the leader of a team programming project consisting of myself and 4 other members. Together, we developed and documented a roleplay game server. Through these activities, I have learned many leadership and organizational skills.

Please find enclosed my resume. Feel free to contact me by email or by phone to arrange an interview. I look forward to hearing back from you.

Sincerely,

Anthony Tam