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July 11, 2013

Kevin Koy
Executive Director
Geospatial Innovation Facility

Dear Mr. Koy:

I am interested in the **Geospatial Web Application Programmer** position that was posted on the Geospatial Innovation Facility website. My resume is enclosed for your review. Given my related experiences and technical capabilities I hope you consider my application for this job. My skills and knowledge are an ideal match for this position.

I have seven years of experience in content framework application development for the UC Berkeley Libraries. Primarily this experience has been in developing Drupal-driven applications, but I believe my evolving understanding of best-practice development methods are applicable across many different programming languages and frameworks. These approaches include user-centered design, test-driven development, git-enabled workflows, and behavior driven development. I also routinely use Python in data intensive programming often creating scripts for data acquisition, manipulation, and storage. I have a basic understanding and usage of Python frameworks including Django and Flask.

Along with these technical aptitudes, I bring a deep understanding of the campus domain especially with respect to the academic research enterprise in the social sciences and humanities. I'm actively engaged with campus partners around research technologies, API development, and the recent activities in articulating needs for data science skills on campus. I also support researchers daily with data research needs – including GIS inquiries – and frequently help and teach students and colleagues who are less technically inclined. Finally, I have experience in user experience design and have led a team at the UC Berkeley Library designing test protocols for improving the library website.

I look forward to talking to you more about my experiences and how they map to the desired skills and capabilities expressed in the posted position on the GIF website.

Sincerely,

Tim Dennis