

Hi,

My name is Ryan D'souza and I'm most excited to join Tumblr's Search Engineering Team. I'd love to work on refining and expanding search because of my newfound interest in efficient data retrieval. Out of genuine interest, I recently built a Trie to store a dictionary of over 500,000 English words. I then built a keyboard for Android that utilized my Trie to predict the rest of the word I was typing, my next word, and offer the correct spelling of the word if it was typed wrong. I'm also interested in joining Tumblr's Search Engineering team because I recognize and understand the importance of being able to get data from an increasingly large dataset in a decreasingly small window of time (users' can be impatient).

If I'm not a good fit for Tumblr's Search Engineering Team, I believe I would fit well with Tumblr's Mobile Engineering Team. I have a couple of years of experience with Android development – both commercially and privately – so I'm familiar with 'lagless' data storage and retrieval, network operations, working on large projects, and good UI principles and design.

I'm also working on building a couple of iOS apps using Objective-C, and an internship with Tumblr's iOS Mobile Engineering Team would bolster both my knowledge of Objective-C as well as good coding practices in iOS development.

I'd love to work on either Tumblr's Search Engineering Team or Mobile Engineering Team to explore my interests in efficient data retrieval and have the work I develop be used by hundreds of millions of Tumblr users.

Thank you for your time and for this opportunity

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