

ALEXANDER L. SCHAAP

SOFTWARE ENGINEER AND SUSTAINABILITY ENTHUSIAST

Hamilton, January 13, 2021

Software Engineer – Irmin

Dear Hiring Manager,

I am passionate about storage systems. From reading Scott Chacon's "Pro Git" book explaining how Git can be seen as a filesystem, to the Zettabyte File System (ZFS), on which I wrote a course report, taking a teaching assistant position for a databases course, taking the first steps to using MongoDB in my spare time, and researching the most efficient (yet accessible) compression scheme for comic book archives, I feel my interest would be an asset.

My PhD at McMaster demonstrates I am also a strong independent worker who can focus on a single topic for extended periods of time. Proven industry experience has made me an effective communicator. While I do not have any publications about my research beyond my master's thesis yet, I believe that the experience developing program generators in OCaml would be beneficial as a software engineer on the Irmin project. I am also a proponent of open-source; I try to give back to the community however I may. I use Gentoo Linux daily on my desktop, and Debian on my home server. While I spend most of my time on my degree, my Github activity will show you my efforts to contribute to open-source projects.

Tarides has been of interest to me for some time now. Apart from being one of the few OCaml-centric companies, the unikernel approach also seems worthwhile, especially from a security point of view. Since you employ many top minds from well-known universities, I also expect it to be an inspiring environment to work in.

I am confident that my expertise and passion will prove to be an asset to Tarides and the Irmin project. Thank you for your time and consideration. I look forward to hearing from you and further discussing my qualifications.

Sincerely,

Alexander Schaap