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Attn: Hiring Manager  
Tontine Trust

Jonathan Thiessen  
<https://tangential.ca>  
[cv.enquiries@alonzo.church](mailto:cv.enquiries@alonzo.church)  
+1.250.870.1096

Salutations,

I recently became aware of [your posting](#) for the position of *Remote Haskell Engineer*, and would like to express my interest in both the position and, more broadly, Tontine Trust.

I find apportionment and mechanism design (whether we're talking about voting systems, cheque splitting, auctions, or others) to be fascinating subjects. I believe that a lot of those ideas are echoed in both tontines and (what I can gather about) your implementation choices.

I first encountered Haskell (and functional programming, more generally) as an undergrad. The shift in perspective was both mind-bending and refreshing. I decided to learn Haskell by using it for any programming assignment that didn't mandate a particular language. This led to a particularly fun (and at times stressful) week of reading through [Learn You a Haskell for Great Good!](#) and implementing a Bayesian classifier (in perhaps not the most efficient nor idiomatic code).

I have long wanted to apply my interests in functional programming to a greater extent through my employment. So far this has been limited to my own use of Nix/NixOS (at home and in the workplace) and the starting of a functional programming guild at WTFast (we're working through [Elm in Action](#) right now).

While I do have some experience in Haskell (undergrad assignments, a couple personal projects<sup>[1]</sup>, Project Euler, Advent of Code), and I have been working through [Haskell Programming From First Principles](#) (amongst others); I've never worked on a large-scale Haskell project, and I am certainly not a senior/lead Haskell developer. I will likely require some amount of Haskell mentorship and/or professional development time.

I have worked remotely (on a semi-asynchronous basis) since 2016. My work has included both highly collaborative, as well as largely independent projects — I am comfortable with both. I am ready for a challenge, and I would like to build upon my interest and fledgling skills in Haskell on a full-time basis.

Thank you for your time and consideration,  
— Jonathan Thiessen

[1] Some voting system simulations/exploration; enumerating a particular tree representation of finite Pierce series expansions (to get a feel for [Erdős, P.](#); [Shallit, J. O.](#)).