# HARRISON PIELKE-LOMBARDO

**PhD Researcher**

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To Reify Health hiring team,

The opportunity to implement and drive data-oriented software solutions for improving health care that your company presents has attracted me to your job posting. As both a Clojure programmer and a graduate in the field of biomedical sciences, this seems like the kind of position I have been preparing for.

There are two areas that have always interested me: software development and biology. Software development, for me, satisfies a creative itch when designing new systems while also being intellectually stimulating when solving domain specific challenges. Biology represents a uniquely complex system to untangle and understand while also being incredibly important to helping the people we know and love. To meet these interests, I have pursued a career in computational biology which lead me to study in the Computational Biosciences Program at the University of Colorado, Anschutz Medical Campus where my thesis research involved developing a method to reason about knowledge graphs of disease mechanisms in order to hypothesize drug treatments.

As a graduate of this program, I have developed skills in algorithm-development, domain-modeling, data science, machine learning, and artificial intelligence. Now, I am eager to apply what I have learned to solve challenges in the world. I know that your company uses Clojure in its architecture, and I am happy to say that I have been programming in Clojure for 6 years now and consider myself to have an expert proficiency. I have contributed to the Clojure ecosystem with a number of my own projects as well as by submitting pull-requests to several open source libraries as well.

I hope that you will consider me in your decision-making process as I would like to contribute my expertise to improving your products and learning from your team how to use software to improve the world.

Sincerely,

Harrison Pielke-Lombardo

## COVER LETTER FOR THORTECH