

Andrew Thomas Kent
1 Point Street
Providence, RI 02903

Katie Rouse
XR Trading
550 W Jackson Blvd STE 1000,
Chicago, IL 60661

February 23, 2022

Dear Katie,

This letter will serve as a cover letter of sorts, to accompany the results from the assignment your team assigned.

Over the past Four years I have been pursuing two B.S. degrees from UCLA in Mathematics and Physics while also conducting research in Plasma Physics with Distinguished Professor of Physics George Morales. I have only a few months left of my Sc.M. Program at Brown University in Physics, and because I completed most of my graduate class work in physics during the first year of my program I have been focusing on taking graduate level computer science classes like deep learning and probabilistic methods for computer science.

Happily I was able to get a 4.0 this past year which included courses with Professor Kosterlitz who won the 2016 Nobel Prize in Physics. Additionally I have recently joined Professors Ulrich's lab here at Brown where I have been analyzing the effects of high neutron flux on key components of a detector chip for the CMS experiment at CERN.

I would love to share work I have completed here at Brown and also at UCLA, and speak more about why I think I would be a good fit for XR Trading. I am currently living in Providence RI but would be open to scheduling either a zoom interview or possibly an in-person meeting at your Chicago office.

Thank you very much for your consideration, and I hope to hear from your team soon.

Sincerely,

Andrew Thomas Kent