

# Noah Alex

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*To:*

**Sorenson Impact Center**

85 Fort Douglas Boulevard

Building # 602

Salt Lake City, UT 84113

*August 10, 2020*

*Dear Sreeja Nair, Luke Tuttle, or Neah Bois,*

I am currently majoring in Mechanical Engineering and minoring in Quantitative Finance and Computer Science at the University of Utah. The Sorenson Impact Center is an incredibly innovative, passionate, and effective organization that has been at the top of my list of places to intern since I spoke with Meghan Williams, an Impact Investing intern, and Marin Murdock, a Policy intern, last year. It was further cemented when I spoke with Luke Tuttle and Gwendolyn Reynolds this past month.

The following skill sets and traits prove my validity as a candidate:

- **Critical and Analytical Thinking Skills**

My previous work experiences and subjects of study in school prove my passion for analytical thinking. This past year, I had the opportunity to strategically analyze non-profits through the Goff Fellows program at the University of Utah. I learned how to critically analyze complex issues and provide solutions in a structured and statistically proven manner, while consistently providing many of the top recommendations.

- **Ability to Reason with Data**

Throughout everything I do, I seek to use data to draw conclusions. From scraping data for financial applications, to guiding the State of Utah on employment decisions, data is at the forefront of how I think and reason. Data is an incredibly powerful tool and one that I have employed constantly.

- **Programming Skill Set**

With over 12,000 lines of code written, I am an experienced programmer and an adaptive learner. I built [this custom Shiny dashboard](#), utilizing the Tidyverse and other packages, to showcase my ability in R and CSS. My experience in programming ranges from using machine learning for microrobots in healthcare applications to building models for analyzing index investment decisions in financial applications.

I would be thrilled to intern and clean, use, and visualize data at Sorenson Impact this year.

With best regards,

Noah Alex