To Whom it May Concern,

I would like to speak to the value of having Liam Hamway as one of the researchers on my team this past Summer. I am Sebastian Gutierrez-Olvera, the student researcher who began this project between the Biology and Computer Science departments, and I am now Team Lead as of this past Spring semester.

Mr. Hamway has proven himself to have been indispensable to our project of creating our own software for machine learning analysis on various different genes in *Sorghum bicolor*'s genome. I firmly believe that without his presence and input the project would not have produced results as valuable as we have gotten.

Mr. Hamway was always willing to go above and beyond in all regards of the project. He was always present for team meetings, even going as far as to walk to the university when his car was in the shop, and constantly had good suggestions and input on what it was that we were doing that week. It was Mr. Hamway's suggestions that led to our use of a neural network - which he developed himself no less - to use in analysis . Mr. Hamway's neural network resulted in a 74-69% accuracy rating in detecting genes of interest, further giving this project life and proving that this is a very prevalent use of machine learning technology for the bioinformatics field.

Mr. Hamway was a joy to work with and was constantly contributing to the project in a timely manner and with very stellar communication. He showed not only interest and expertise in the computer science aspects of the project, but also a very desirable curiosity for the biological aspects of the project which led to very good suggestions and developments towards the ultimate goal of both departments' efforts.

Sincerely,

Sebastian Gutierrez-Olvera