

**National Oceanic and Atmospheric  
Administration**  
*WFO Staffing Division*

June 27, 2017

Dear Sir or Madam,

I am a graduate student in geophysics at the University of Michigan. In general, my research involves analyzing GNSS data to better understand tectonic processes. As a graduate student, I continually search for new data analysis techniques that I can apply to my research. For example, I recently became interested in machine learning, which I then used to develop a method for detecting subtle geophysical signal in GNSS data. An implementation of this method, as well as all my other data analysis software, has been made freely available at [www.github.com/treverhines](http://www.github.com/treverhines). I am interested in this position at NOAA because I would like to further expand my knowledge of geodetic data analysis. Ultimately, I would like a career at a federal agency, which is why I am particularly excited about this Pathways opportunity. Thank you for your consideration and I look forward to your response.

Sincerely,

**Trever T. Hines**

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