

**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. 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

Trever T. Hines

2534 CC Little Bldg – 1100 North University Ave – Ann Arbor, MI 48109-1005

☎ (217) 766 4445 • ✉ hines@umich.edu • 🌐 [treverhines](https://www.github.com/treverhines)