

Liam D. Toney

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Education

University of Alaska Fairbanks (UAF) | *Fairbanks, AK* | May 2020 (expected)

M.S. in Geophysics

Pomona College | *Claremont, CA* | December 2017

B.A. in Physics; Minor in Geology

School for International Training | *Jaipur, Rajasthan, India* | August 2015–December 2015

Sustainable Development and Social Change program

Experience

UAF Geophysical Institute | *Fairbanks, AK* | August 2018–present

Graduate Research Assistant

GNS Science | *Waikato, New Zealand* | April 2018–May 2018

Ashfall Geovisualization Developer

Sandia National Laboratories (SNL) | *Albuquerque, NM* | June 2017–August 2017

R&D Intern, Geophysics Department

Incorporated Research Institutions for Seismology (IRIS) | *Albuquerque, NM* | June 2016–August 2016

Summer REU Intern (placement at SNL as part of the IRIS Undergraduate Internship Program)

Breakthrough Collaborative | *Birmingham, AL* | June 2015–July 2015

Teaching Fellow

Pomona College | *Claremont, CA* | January 2014–May 2016

Teaching Assistant, Physics Department

Awards

Pomona College Scholar

Top 25% of class by GPA for Fall 2014, Spring 2015, Spring 2016

Pomona College Tileston Physics Prize

Received as a first-year and as a second-year

Skills & qualifications

Coding

- Python
- MATLAB
- GMT
- L^AT_EX
- Git
- Basic HTML and CSS
- Jekyll

Software

- ArcGIS
- Adobe Illustrator, Photoshop, InDesign
- GitHub
- macOS, Windows

Publications

Toney, L.D., R.E. Abbott, L.A. Preston, D.G. Tang, T. Finlay, and K. Phillips-Alonge. Joint body- and surface-wave tomography of Yucca Flat, Nevada using a novel seismic source, *Bull. Seismol. Soc. Am.* (Under review).