Jacob Gifford

Address

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Contact Information

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Education

- **Ph.D., Economics**   **Expected 2027**
  Washington State University, WA
  Committee:
  Dissertation: TBD

- **B.S., Economics**   **2023**
  Brigham Young University - Idaho, Rexburg, ID
  Cum Laude

Refereed Publications

- Gifford, J., & Oliver, J. (2021). Black Lives Matter and Granger Causal Testing: A Signal of Economic Deprivation. Modern Economy, 12(11), 1666-1685 https://doi.org/10.4236/me.2021.1211084

Organizational Publications

- Gifford, J. Martin, M. (2022) College of Business and Communication Diversity and Inclusion Report. BYU- Idaho (please request access).

- Sarpong D., Osei-Asare Y., Gray B., Tsekpo E. (2022) FarmGrow: Farm Development Plans for Smallholder Cocoa Farmers in Ghana Endline Report. Grameen Foundation (Contributions).

Research in Progress

- Agent Based Models

Fellowships, Grants, Honors, & Awards

- Ezra Taft Benson Award for Excellence in Economics, BYU-I

- Thomas E. Ricks Academic Grant, Brigham Young University - Idaho

- Eagle Scout Award Recipient

Research Interests

- Computational socio-hydrologic modeling, mechanism design, algorithmic game theory, and geographic information science

Professional Experience

- Research Assistant, Jonothan Yoder, School of Economic Sciences, WSU   2024
- Teaching Assistant, Joe Cook, School of Economic Sciences, WSU   2023
- GIS Analyst Intern, Fremont County Idaho GIS Office   2023
- GIS Consultant, Better in our Backyard   2023
- Research Lead, College of Business and Communication, BYU-Idaho   2022
- Research Assistant, Jeffrey Oliver, Department of Sociology, Brigham Young University - Idaho   2021
- Research Analyst, Grameen Foundation   2021-2022

Teaching

- SOC 295-R Games in Economic Sociology, Department of Sociology, BYU-I   2021-2022

Service

- Economics Society President, BYU-Idaho   2021

Computer Programming and Software

- Python, R: Data structures, algorithms, GIS, statistical analysis, machine learning
- Esri suite, QGIS, Pix4D, GeoDa
- HEC-RAS, EPA SWMM
- JavaScript, HTML, SQL

Foreign Language

- Portuguese (CEFR: B2)

Last Update: 28 January 2022