

Israel Allen

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Education

Dartmouth College, Hanover, NH Expected June 2028
Bachelor of Arts, major in Quantitative Social Science

Experience

Chuter Lab, Dartmouth-Hitchcock Medical, Lebanon, NH August 2026 to present
Research Assistant

- Reproduced the full output pipeline of an ophthalmology machine-learning study built on a public dataset of 28,943 visual-field tests.
- Audited the manuscript's tables and figures against source CSVs and captions, flagged differences and labeling mismatches, and compiled reports for the PI.

Evergreen AI, Geisel School of Medicine, Hanover, NH May 2026 to present
AI Project Assistant

- Authored and reviewed clinical training dialogues for a medical AI model after structured training in clinical and medical source material.

Historical Accountability Student Research Program, Dartmouth College May to August 2026
Research Associate

- Awarded one of four funded, full-time research fellowships each year to investigate a century of racial equity at Dartmouth from primary sources.
- Published the findings as a public article on the Rauner Library blog, presented at the public reception and curated a digital exhibit.

Political Violence FieldLab, Dartmouth College, Hanover, NH December 2024 to December 2025
Research Associate

- Developed and maintained a large event-based dataset by extracting and cleaning data from VIINA, Airwars.org, Veraset and World Central Kitchen using Python and R.
- Processed and analyzed 1B+ mobile-device pings using AWS S3/Athena, Pandas, PySpark and GeoPandas to build spatiotemporal displacement datasets.
- Curated and classified 8,000+ drone-strike events to support causal inference models for faculty-led research.
- Applied regex queries and geocoding tools to match drone-strike events with precise cell-tower locations, ensuring high data accuracy.

Leadership and athletic experience

National Triathlete, Jamaica Olympic Association, Kingston, Jamaica 2017 to present
Athlete

- Won Jamaica National Triathlon Championships in 2022 and 2023, competing at the highest national level.
- Won RJR Gleaner Sportsman of the Year in Triathlon in 2022 and 2023.

Skills and interests

Technical: Proficient in Microsoft Office Suite (Excel, PowerPoint, Word), Python and R, AWS.

Communication: Public speaking, event coordination, leadership, technical reporting.