DALIT HENDEL

Data Analytics student seeking Spring 2023 internship

EDUCATION

2021–Current
Tufts University
MS Candidate in Data Analytics
Medford, MA

2013–2017
Northwestern University
B.A. in Economics B.A. in Cognitive Science
Evanston, IL

RESEARCH EXPERIENCE

2019–2021
Senior Research Coordinator
Tufts University
Medford, MA

- Organized, managed, recruited, and ran over 700 human subjects through experimental procedures on various spatial navigation paradigms utilizing virtual reality and EEG
- Collected, collated, and completed statistical analysis of human subject data using Python and Excel

SELECTED PROJECT EXPERIENCE

December 2021
DATA-200 Foundations of Data Analytics
Tufts University
Medford, MA

- Deployed a project comparing the average global land temperature from the years 1970-2000 and the year 2020.
- Used the model to predict which other afctors were associated with the largest temperature changes.

December 2021
ENV-170 Enviornmental Data Visualiztion
Tufts University
Medford, MA

- Combined CSV and Raster data to visualize the distribution of harmful Air Quality Index (AQI) levels and asthma levels across the USA in the years 2003, 2007, and 2011

December 2021
DATA-201 Python and Machine Learning
Tufts University
Medford, MA

- Deployed a project which predicted Heart Disease from Healthcare data.
- Ran the model on PCA, kNN, and logistic regression.

CONTACT INFO

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SKILLS

Experienced in running multivariate regression.

Performing **data analysis** on environmental data

Data communication

R/Python/Stata

Machine Learning sense and statistical knowledge

Collaborating with others on analytic projects

Last updated on 2021-12-06.

SELECTED PRESENTATIONS

December 2021

DATA-200 Final Project
Presented a model for changes in the average global land temperature from the years 1970-2000 and the year 2020, and summarized main results and assumptions of the model to my cohort.

Medford, MA

PUBLICATIONS

DATA-200 Final Project

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Brunyé, T. T., Smith, A. M., Hendel, D., Gardony, A. L., Martis, S. B., & Taylor, H. A. (2019). Retrieval practice enhances near but not far transfer of spatial memory. Journal of Experimental Psychology: Learning, Memory, and Cognition, 46(1), 24–45.

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Gardony, A. L, Hendel, D., & Brunyé, T. T. (2021). Identifying optimal graphical level of detail to support orienting with 3D geo-visualizations. Spatial Cognition and Computation: An Interdisciplinary Journal, 22(1), 1–26.

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Brunyé, T. T, Hendel, D., Gardony, A. L., Hussey, E. K., & Taylor, H. A. (2021). Personality traits and spatial skills predict group dynamics and success during collective wayfinding. In D. Montello & K. Curtin (Eds.), Research Directions in Collective Spatial Cognition.