Leon Johnson

Experience

Academic Appointments

Lecturer, Human-Centered Computing, Indiana University Indianapolis	2023-2026
Data Science Instructor, Metis Data Science Bootcamp, Kaplan (United States)	2020-2023
Research Assistant, Cognitive and Data Science Lab, Rutgers, The State University of New Jersey	2018
Trainer/Lecturer, AFROTC, New Jersey Institute of Technology	2015-2018

Non-Academic Employment

Data Scientist, Predictive Partner	2019-2020
Data Scientist, Viral Launch	2018-2019
Operations Research Analyst, United States Air Force	2012-2015

Education

Degrees

M.S. Mathematics, Texas A&M University	2018
B.S. Mathematics, Purdue University	2012

Certifications

Army Logistics University, Certificate (Distinguished Graduate)	

Memberships

HCI Lecturer Search Committee	2023-2024
CS Lecturer Search Committee	2023-2024

Teaching Activity

Courses Developed

INFO-H 510 Statistics for Data Science	2024-present

Courses Taught

INTRO DATA SCIENCE PROGRAMMING, course code: INFO-H 501	2024
STATISTICS FOR DATA SCIENCE, course code: INFO-H 510	2024
VISUALIZATION DES, ANLS & EVAL, course code: INFO-H 517	2024
MATHEMATICL&LOGICL FNDTNS-INFO, course code: INFO-H 611	2024
DESIGN & DEV OF AN INFO SYSTEM, course code: INFO-I 494	2024
DATA ANALYTICS, course code: INFO-H 515	2024
STATISTICS FOR DATA SCIENCE, course code: INFO-H 510	2024
VISUALIZATION DES, ANLS & EVAL, course code: INFO-H 517	2024
MATHEMATICL&LOGICL FNDTNS-INFO, course code: INFO-H 611	2024
INTRO TO INFORMATICS, course code: INFO-I 501	2024
INTRO TO INFORMATICS, course code: INFO-I 501	2023
MATHEMATICL&LOGICL FNDTNS-INFO, course code: INFO-H 611	2023
TOPICS IN INFORMATICS, course code: INFO-I 590	2023
VISUALIZATION DES, ANLS & EVAL, course code: INFO-H 517	2023
VISUALIZATION DES, ANLS & EVAL, course code: INFO-H 517	2023

Curricula Development

INFO-H 517 Visualization Design, Analysis, & Evaluation	2024-present
INFO-H 501 Python Programming for Data Science	2024-present
INFO-H 611 Mathematical and Logical Foundations of Informatics	2024-present

Professional Activity

Advising

Help approve new members, attend a couple games, provide support to members when needed	2024-present

Event participations

Participation in Fair, Over 40 graduate students presented their projects to other students, faculty, and industry partners. Students discussed their research and internships experiences, and gave presentations about their projects. I provided feedback and ratings for multiple projects at the fair	2024
Participation in Conference, The Plater-Moore Conference on Teaching and Learning is an annual day of learning and professional development that is free for IU instructors, staff, and graduate students from all academic units. In addition to a nationally recognized keynote presentation, concurrent sessions—in a variety of engaging formats—seek to disseminate best practices and innovation in teaching and learning within higher education. The conference aims to enhance campus collaboration, ignite curiosity, and highlight educational excellence within our learning community	2024

Mentoring

Capstone Project	2024

Professional Development

Luddy Career Champions	2024
Quality Matters Rubric Workshop	2024-2025
Using Rubrics to Enhance Equity in Learning	2023-present
Designing a Learning-Centered and Equity-Minded Syllabus	2023-present
Examining Your Course Design for Inclusion and Equity	2023-present

Publications

Johnson, L. (n.d.). *ltj/etc (journal)*. Retrieved from https://leontoddjohnson.github.io/etc/posts/

Johnson, L. (2021). Anthropomorphization of Algorithms. Retrieved from https://leontoddjohnson.github.io/etc/posts/20210613/

Johnson, L. (2021). On Hume's Deontological Response to Scepticism. Retrieved from https://leontoddjohnson.github.io/etc/posts/20210204/

Johnson, L. (2020). Reinforcement Learning and Ethics. Retrieved from https://leontoddjohnson.github.io/etc/posts/20201220/

Johnson, L. (2020). Defining "AI". Retrieved from https://leontoddjohnson.github.io/etc/posts/20201212/

Johnson, L. (2020). Prometheus and Google. Retrieved from https://leontoddjohnson.github.io/etc/posts/20201001/