

Tima Paak

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Education

- B.S. in Mathematics, Statistics, and Computer Science, University of Toronto, Ontario, Canada (2017-2023)
- B.S. in Civil Engineering, Khavaran Institute of Higher Education, Mashhad, Iran (2009-2014)

Professional Experience

- Research Data Analyst, Purdue University, West Lafayette, IN (2023-Present)
 - Develop and implement data pipelines to enhance data quality and accessibility for researchers.
 - Contribute to the design and implementation of effective data stewardship practices.
- Full Stack Developer (Internship), IBM Ltd., Ontario, Canada (2019-2020)
 - Reviewed code, debugged problems, and corrected issues.
 - Designed and delivered workshops on various technologies and computing topics.
- Research Assistant, University of Toronto, Ontario, Canada (2018)
 - Collected, analyzed, and organized data for research projects in economics and management.

Skills and Expertise

- Statistical Analysis and Consulting
 - Proficient in Python (Pandas, NumPy, Scikit-learn), R (ggplot2, dplyr, tidyr), and other data analysis tools.
 - Experience in developing and delivering workshops on statistical analysis tools.
 - Provide statistical consultations and software training to graduate students.
- Data Management and Visualization
 - Skilled in collecting, cleaning, and organizing large datasets.
 - Collaborates on key projects to enhance data visualization and accessibility.
- Research Methodologies
 - Well-versed in qualitative and quantitative research methods.
- Communication and Leadership
 - Actively engages with and supports research scholars.
 - Provides guidance and support to early career researchers on research methods and data-related challenges.

Professional Development

- Google Data Analytics Certification, Google
- Watson Visual Recognition Certification, IBM
- Enterprise Design Thinking Practitioner Certification, IBM

Service and Engagement

- Provides guidance and support to early career researchers on research methods and data-related challenges.
- Collaborates with faculty members on key projects to advance data management and visualization within the department.