

Faculty Name:

Gil Zussman

Faculty Email:

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Lab:

Wireless and Mobile Networking Lab

Project Title:

Weather-Wireless Data Analyst and Integration Coordinator

Description:

This project aims to manage and analyze datasets from both communication and weather databases to understand the impact of weather phenomena on new generation wireless networks. Students will be involved in integrating code for communication link analysis across a range of frequencies and applying basic anomaly detection and pattern recognition techniques to identify how various weather conditions affect network performance. The project will provide hands-on experience with real-world datasets and offer insights into the challenges and solutions for weather-resilient communication systems.

Location of Research:

On Site

of hrs/week:

40

Department/Program:

Computer Science

Eligibility:

BS, First Year, BS, Second Year, BS, Third Year, BS, Fourth Year, MS

To apply, please contact:

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