Exciting Graduate Research Assistantship Opportunity in Data Analysis and Machine Learning for Biological Sensor Applications!

Join Prof. Yiping Zhao's dynamic research group at the prestigious University of Georgia! We are seeking a highly motivated and skilled PhD student to take up a full-time Research Assistant position starting as early as August 15, 2023, with the possibility of renewal for two years.

About the Role:

As a Research Assistant, you will delve into the fascinating world of biological sensor applications, where you'll apply your expertise in database management, statistical data analysis, and machine learning/deep learning. Your main tasks will involve establishing and maintaining a spectroscopy database, exploring, modifying, or even developing new machine learning/deep learning models while coding in Python or utilizing other statistical software packages.

Key Responsibilities:

- Establish and maintain a web-based database.
- Master various machine learning/deep learning models and adapt them for biological sensor applications.
- Collaborate with students engaged in sensor development, understanding the sensor principles and characteristics of sensor data.
- Experience in mobile app development is a valuable advantage.

Supervision:

You will be co-supervised by Prof. Yiping Zhao and Dr. Xianyan Chen from the Department of Statistics, ensuring a supportive and enriching research environment.

Candidate Requirements:

We welcome applicants from diverse backgrounds and departments who can demonstrate a strong foundation in database management, statistics, or machine learning. As a dedicated PhD candidate, you should possess a deep commitment to this project and be eager to adhere to best practices.

Don't miss out on this incredible opportunity to make significant contributions to the world of biological sensor applications!

To Apply:

If you are passionate about research and eager to excel in data analysis and machine learning, we encourage you to get in touch with Prof. Yiping Zhao at zhaoy@uga.edu. For more information about our research group, please visit our website: https://www.zhao-nano-lab.com/.

Join us in this exciting journey of discovery and innovation! Apply now and be a part of cutting-edge research at the University of Georgia.