Creating Personal, Social, and Urban Awareness through Pervasive Computing

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The recent emergence and prevalence of social network applications, sensor equipped mobile devices, and the availability of large amounts of geo-referenced data have enabled the analysis of new context dimensions that involve individual, social, and urban context.

Creating Personal, Social, and Urban Awareness through Pervasive Computing provides an overview of the theories, techniques, and practical applications related to the three dimensions of context awareness. Through the exploration of emerging research trends of pervasive computing, this book is beneficial to professors, students, researchers, and developers interested in this latest development in the field of context-awareness and pervasive computing.

Topics Covered:

- Mobile Social Networks
- Intelligent Transportation Systems
- Smart Environments
- Emerging Trends of Context Awareness

- Mobile Phone Sensing
- Personal Activity Recognition
- Urban Sensing

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