Pocket Security – Smartphone Cybercrime in the Wild

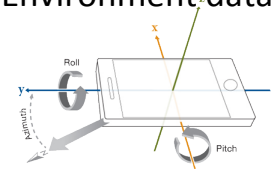
https://www.pocket-security.org

Pocket Security

Challenge:

How do we prevent smartphone-enabled cybercrime in the real world?

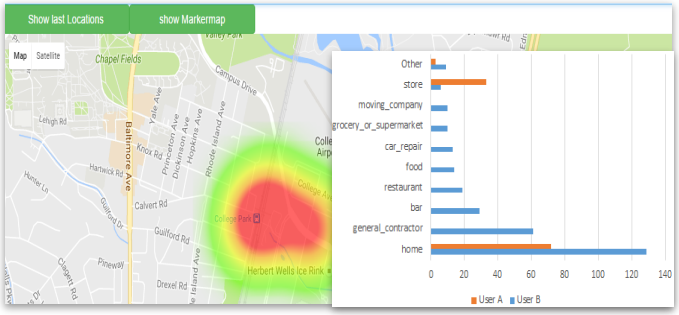
Environment data



App usage

Solution:

- Examine through the lens of existing psychological and criminological theories
- Conduct remote ethnography of 160 participants via Android app and big data analysis web application



Scientific Impact:

- Understand behaviors and situations contributing to mobile device crime
- Baseline psycho-social smartphone security threats
- New method for large-scale, observation of smartphone activities

Broader Impact:

- New psycho-social smartphone defense technologies and training
- Open sourced data set and analysis tools
- Undergraduate researchers

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