

CHAPTER 7 - REFERENCES

- [1] Tech by Vice, “Our Brains Are Being Overloaded With Push Notifications About Nothing,” [Online]. Available:
https://www.vice.com/en_us/article/a3a848/facebook-notification-overload.
- [2] B. N. Schilit, N. Adams and R. Want, “Context-Aware Computing Applications,” in *IEEE Workshop on Mobile Computing Systems and Applications*, Santa Cruz, CA, 1994.
- [3] A. K. Dey and G. D. Abowd, “Towards a Better Understanding of Context and Context-Awareness,” *Technical report git-gvu-99-22*, pp. 304-307, 2000.
- [4] B. N. Schilit and M. M. Theimer, “Disseminating Active Map Information to Mobile Hosts,” *IEEE Network*, vol. 08, no. 05, pp. 22 - 32, 1994.
- [5] R. Want, A. Hopper, V. Falcão and J. Gibbons, “The Active Badge Location System,” *ACM Transactions on Information Systems*, vol. 10, no. 1, pp. 91-102, 1992.
- [6] P. Casale, O. Pujol and P. Radeva, “Human Activity Recognition from Accelerometer Data Using a Wearable Device,” *IbPRIA 2011: Conference on Pattern Recognition and Image Analysis*, vol. 6669, pp. 289-296, 2011.
- [7] K. Farrahi and D. Gatica-Perez, “Discovering Human Routines from Cell Phone Data with Topic Models,” *12th IEEE International Symposium on Wearable Computers, ISWC 2008*, pp. 29-32, 2008.
- [8] M. A. Azam, J. Loo, S. K. A. Khan, M. Adeel and W. Ejaz, “Human Behaviour Analysis Using Data Collected from Mobile Devices,” *International Journal on Advances in Life Sciences*, pp. 1 - 10, 2012.
- [9] Y. Ma, B. Xu, Y. Bai, G. Sun and R. Zhu, “Daily Mood Assessment based on Mobile Phone Sensing,” *2012 Ninth International Conference on Wearable and Implantable Body Sensor Networks (BSN)*, pp. 142-147, 2012.

- [10] Q. Gao, D. Fu and X. Dong, "A Context-Aware Mobile User Behavior-Based Neighbor Finding Approach for Preference Profile Construction," *Sensors*, vol. 16, no. 8, p. 143, 2016.
- [11] R. Mayrhofer, H. Radi and A. Ferscha, "Recognizing and Predicting Context by Learning from User Behavior," *Radiomatics: Journal of Communication Engineering, special issue on Advances in Mobile Multimedia*, vol. 1, no. 1, pp. 30-42, 2004.
- [12] H. Bray, "How Location-Based Apps Will Shape the Future of Shopping," 01 05 2014. [Online]. Available: <https://www.discovermagazine.com/technology/how-location-based-apps-will-shape-the-future-of-shopping>.
- [13] T. Sohn, K. A. Li, G. Lee, I. Smith, J. Scott and W. G. Griswold, "Place-Its: A Study of Location-Based Reminders on Mobile Phones," *UbiComp 2005: Ubiquitous Computing, 7th International Conference*, vol. 3660, pp. 232-250, 2005.
- [14] S. Buthpitiya, D. Madamanchi, S. Kommaraju and M. Griss, "Mobile Context-Aware Personal Messaging Assistant," *Mobile Computing, Applications, and Services*, vol. 35, pp. 254-272, 2010.
- [15] A. K. Dey and G. D. Abowd, "CybreMinder: A Context-Aware System for Supporting Reminders," *Proceedings of the 2nd International Symposium on Handheld and Ubiquitous Computing (HUC2K), Bristol, UK*, vol. 1927, pp. 172-186, 2000.
- [16] A. K. Dey and G. D. Abowd, "A Conceptual Framework and a Toolkit for Supporting the Rapid Prototyping of Context-Aware Applications," *Human-Computer Interaction*, vol. 16, no. 2-4, pp. 97-166, 2001.
- [17] A. Mehrotra, M. Musolesi, R. Hendley and V. Pejovic, "Designing Content-driven Intelligent Notification Mechanisms for Mobile Applications," *UbiComp '15: Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing*, pp. 813-824, 2015.

- [18] A. Mehrotra, V. Pejovic, J. Vermeulen, R. Hendley and M. Musolesi, “My Phone and Me: Understanding People’s Receptivity to Mobile Notifications,” *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems (CHI ’16)*, pp. 1021-1032, 2016.
- [19] A. Mehrotra, R. Hendley and M. Musolesi, “Interpretable Machine Learning for Mobile Notification Management: An Overview of PrefMiner,” *GetMobile: Mobile Computing and Communications*, vol. 21, no. 2, pp. 35-38, 2017.
- [20] Google, “Google Awareness API | Google Developers,” Google, [Online]. Available: <https://developers.google.com/awareness>.
- [21] Google, “Cloud Natural Language API | Google Cloud,” Google, [Online]. Available: <https://cloud.google.com/natural-language/>.
- [22] Google, “Cloud Firestore | Firebase,” Google, [Online]. Available: <https://firebase.google.com/docs/firestore>.
- [23] Oracle, “What Are RESTful Web Services?,” Oracle, [Online]. Available: <https://docs.oracle.com/javaee/6/tutorial/doc/gijqy.html>.
- [24] Geeks for Geeks, “Serialization and Deserialization in Java with Example,” Geeks for Geeks, [Online]. Available: <https://www.geeksforgeeks.org/serialization-in-java/>.
- [25] Android Developers, “Notifications Overview | Android Developers,” [Online]. Available: <https://developer.android.com/guide/topics/ui/notifiers/notifications>.
- [26] K. Rijensky, “To Push, or Not to Push? Designing Proactive Messages in Chatops,” 27 02 2018. [Online]. Available: <https://chatbotsmagazine.com/to-push-or-not-to-push-designing-proactive-messages-in-chatops-38d61893c738>.
- [27] P. Kordík, “Personalized push notifications enabled by artificial intelligence,” 04 03 2018. [Online]. Available: <https://medium.com/recombee-blog/personalized-push-notifications-enabled-by-artificial-intelligence-8ac057bc97ba>.

- [28] Android Developers, “Machine Learning | Android Developers,” [Online]. Available: <https://developer.android.com/ml>.
- [29] Android Developers, “TextToSpeech | Android Developers,” [Online]. Available: <https://developer.android.com/reference/android/speech/tts/TextToSpeech>.
- [30] Google, “Analyzing Sentiment | Cloud Natural Language API | Google Cloud,” Google, [Online]. Available: <https://cloud.google.com/natural-language/docs/analyzing-sentiment#language-sentiment-string-java>.