Journal Characteristics

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1 Journal 1 (ACM)

- **Publisher**: ACM New York, NY, USA,
- **Name**: ACM Transactions on Information Systems (TOIS) - Special issue: Search, Mining and their Applications on Mobile Devices
- **url**: `https://dl.acm.org/citation.cfm?id=3057281&CFID=996783050&CFTOKEN=36160218`
- Given the limited information from GPS probe data due to its infrequent data sampling, data mining on social media is proposed by the authors to access for more information regarding traffic jams and incidents. The test would consider which intersections are in close proximity to each other that are most likely to cause accidents by looking into the flawed mining pattern for traffic problems. Using downtown Chicago as a geographical basis for this research, the authors are able to attain more accurate information by proposing to use TCER (a coupled matrix and tensor factorization model).
- **Name of the Editor-in-Chief**: Andrew A. Chien.
- **Size of the editorial Board**: 30
- **How frequently the journal is published**: The journal is published very frequently.
- **Whether or not the journal has page limits for submitted articles**: 14 pages is the usual page limit for ACM submission papers in a two column format.
- **Whether or not the journal has a double-blind reviewing policy**: ACM has a double-blind reviewing policy.
- **Whether or not the journal has an open access policy; if so, describe it briefly.**: ACM has an open access policy. The author has the option to manage the access to their work. ACM offers the author to purchase full right for his/her work through its author-pays method.
- **At least one additional piece of information about the journal that (you find of interest e.g., its impact factor compared to others in the same field).**: ACM has a very high impact factor given of its high rating in Computer Science publications. [1]

2 Journal 2 (IEEE Coputer Society)

- **Publisher**: IEEE Computer Society
- **Name**: On predicting social unrest using social media
- **url**: `http://doi.ieeecomputersociety.org/10.1109/ASONAM.2016.7752218`
- The journal focuses on the study of predicting a social protest using social media

from data mining. From the multiple stages of a social movement, and its usage of social media data, namely Twitter, and Natural Language Processing techniques, the authors want to point out the process of mobilization for a movement. Given the information from recent protests and incidents from the news, they have seen that the increased usage of social media platforms regarding a protest to the increased number of such are interconnected.

- **Name of the Editor-in-Chief**: Dr. Michael Pecht
- **Size of the editorial Board**: 38
- **How frequently the journal is published**: The journal is published very frequently.
- **Whether or not the journal has page limits for submitted articles**:

  14 pages is the usual page limit for IEEE submission papers in a two column format.
- **Whether or not the journal has a double-blind reviewing policy**:

  IEEE Computing Society has a double-blind reviewing policy.
- **Whether or not the journal has an open access policy; if so, describe it briefly.**: Hybrid Journals, a Multidisciplinary Open Access Mega Journal, and fully Open Access Journals are the three options that IEEE provides to its authors for open access publishing.
- **At least one additional piece of information about the journal that you find of interest (e.g., its impact factor compared to others in the same field).**: Amongst all JCR metrics, IEEE has been highly ranked. IEEE has 35 of the top journals under the Journal Impact Factor, 18 of the top journals under the Eigenfactor Score, and 19 of the top journals under the Article Influence Score.[2]

3 3 Recently Published Journals From Each of the Selected Journals

3.1 Association for Computer Machinery Journals

Data Science: A Comprehensive Overview

- The title seems too broad for the average reader to comprehend what the topic is about. It does not the attention-grabbing factor that good titles actually do have. Given the broad title, one would assume that the topic would be too broad and, hence, too bland to carry an article. The title could have included some general information on how Data Science is being utilized. For example, the title could have been: Using Data Science to Detect Users' Cognitive States in Real Time. The improved Title informs the reader (who is skimming through the list of article) what the article is about and what the technique's purpose is. [3]

The Netflix Recommender System: Algorithms, B

- The title clearly exemplifies what a great title is and should be. It clearly references a topic that is not broad at all and a topic that million of Netflix subscribes can identify with. Furthermore, the details following the title clearly illustrates how the system benefited the company by infusing Computer Science and Business altogether. The addition of "algorithms" clearly shows how the article is related to the field of Computer Science and relates to readers who, I assume, to be knowledgeable in the field. [4]

Cognitive Heat: Exploring the Usage of Thermal

- The title can be favorably compared to the first article that I have chosen under Association of Computer Machinery journals regarding Data Science. The author could have decided to simply name her/his title as "Cognitive Heat: A Comprehensive Overview." However, the author clearly wants the causal reader to fully understand what the author is trying to convey. [5]

3.2 IEEE Journals

Is It Worth Responding to Reviews? Studying the Top Free Apps in Google Play

- The title starts with a question that relates to casual readers. It conveys a a hook that readers can relate to since reviews are existent everywhere from restaurants, to nail salons, to online shopping, and, well, to mobile application stores. Given that mobile applications are universal and take a big part of every people's lives, the title simply resonates to the casual reader and does an excellent job on conveying the author's intentions. [6]

Computing Team Process Measures From From the Structure and Content of Broadcast Collaborative Communications

- The title, given its topic, is specific enough for its audience to comprehend, at face value, what the article would contain. Furthermore, the reader would clearly understand that the article is the study of team process measures by dissecting the effective ways of how researchers have gathered data from computing such. Also, it conveys from what source they will be gathering their data from. The author did a great job in explaining his topic through the title alone. [7]

Smart Monitoring Cameras Driven Intelligent Processing to Big Surveillance Video Data

- The title may seem confusing to some readers given its wordiness. However, the author manages to convey everything s/he wants her/his audience needs to know. Given how the topic is about using smart monitoring cameras to monitor irregular incidents to better protect urban cities, the reader can clearly articulate that from the title itself. [8]

References

[1] Association for Computing Machinery. Transactions on information systems (tois) - special issue: Search, mining and their applications on mobile devices.

[2] IEEE Computing Society. On predicting social unrest using social media.

[3] Association for Computing Machinery. Data science: A comprehensive overview.

[4] Association for Computing Machinery. The netflix recommender system: Algorithms, business value, and innovation.

[5] Association for Computing Machinery. Cognitive heat: Exploring the usage of thermal imaging to unobtrusively estimate cognitive load.

[6] IEEE Computing Society. Is it worth responding to reviews? studying the top free apps in google play.

[7] IEEE Computing Society. Computing team process measures from the structure and content of broadcast collaborative communications.

[8] IEEE Computing Society. Smart monitoring cameras driven intelligent processing to big surveillance video data.