Postgraduate supervision

Topics for Masters (MIT) students supervised in the School of IT

Topic and year of student graduation:

1. An explanatory case study of the factors affecting the effectiveness and efficiency of the Lesotho Revenue Authority e-mail system (2010)

2. Data quality issues in the banking supervisory information of SADC central banks (2010)

3. Business intelligence adoption and utilization in the public sector of South Africa (2010)

4. Exploring the extended use of business intelligence tools in the South African Banking industry (2010)

5. An assessment of the readiness for the successful implementation of business intelligence in a developing country (2007)

6. The factors surrounding the electronic commerce environment in a developing country (2007)

7. Enterprise Voice-overIP: An impact case study at Telkom SA (Pty) Ltd (2004)

Topics for students supervised in Honours Computer Science

Topic and year of student graduation:

1. The use of SOA in the implementation of decision support systems. (2013)

2. Methods for effective offline analysis of social networks data: A case study of Facebook. (2014)

3. Sentiment Analysis of Microblog data: A case study of Twitter. (2014)

4. MapReduce computations and applications using data mining methods. (2015)

5. Sentiment Analysis in Multilingual Context to Support Product Marketing. (2016)

6. Analysis of Recommender Systems for Commercial Websites with Focus on Collaborative Filtering. (2016)

7. Text Mining of product discussion forums to support organisational social media marketing activities. (2016)

8. Text mining of product discussion forums to support organisational social media marketing activities. (2017)

9. The application of association rule mining and link analysis to efficiently analyse clickstream data for websites. (2017)

10. Enhancing the performance of clustering algorithms using MapReduce computations. (2017)

11. Data mining algorithms for the analysis of social networks data stored in graph databases (2017)

12. Analysis of clickstream data to support decision making by   e-commerce organisations. (2018)

13. Using MapReduce Computations for the Implementation of Clustering algorithms for Big data. (2018)