



**LIST OF GRADUATE THESES
as of October 2020**

Master of Science in Computer Science

- Abarintos, C. B. (2010). *Implementation of YCbCr and HSV on nude detection algorithm* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Abisado, J. F. J. (2006). *Implementation of a server-based thin-client with-real-time monitoring capability* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Abisado, M. B. (2015). *Emphatic Tutoring System Implementing Facial Expression Recognition* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Acosta, K. P. (2008). *Orthogonal routing algorithm for process control block diagram connectors using concept of computer graphics line clipping through outcomes* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Alfonso, A. J. S. (2005). *Process control and monitoring framework in handhelds* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Alva, E. T. (2017). *Effectiveness of Cross Dimensional Robust Local Binary Pattern for Texture Classification* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua University.
- Alvarez-Hernandez, A. V. (2007). *Assessments of the usability of XFT Quest-a word and phrase XML full-text search query language for advanced users* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Ang, J. T. (2005). *3D visualization of process control elements* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Angeles, B. J. B. (2008). *Application of use case-driven approach and automated testing tools for improving user interface test of web-based systems* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Arugay, C. R. D. B. (2005). *Virtual plant agent for abnormal situation detection* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Baldoza, V. T. (2007). *WebDock: client side docking manager for web applications* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Balilo, J. G. (2005). *Dynamic data filtering using workflow* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.



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- Ballesca, G. Q. (2009). *Pluggable mobile service framework for online catalogue systems* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Bejar, C. A. D. (2010). *Implementing MALU indexing algorithm for information retrieval* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Bentir, S. A. P. (2017). *Hydro Classification for LiDAR Image Using Geometrical and Topological Features* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua University.
- Caoili, R. R. (2010). *Clinical decision support system in pediatric and e-prescribing: recommendation and an action plan* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Contreras, L. A. (2010). *QoS-Aware WCF service orchestration using genetic algorithm* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- De Austria, P. C. P. (2007). *Development centric user interface design guidelines of web application* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- De Guia, J. M. (2008). *Cancer genomics classification using gene expression data* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- De Ocampo, B. B. J. (2007). *Implementing a timestamp-based caching algorithm to supplement data synchronization on distributed applications* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- De Vela, B. P. (2007). *Synchronous distributed user interface test automation for distributed applications* [Master's Thesis, MSCS]. School of Graduates Studies, Mapua Institute of Technology.
- Dela Cruz, J. C. (2009). *Unicorn 2008: a two-way data synchronizing for normalized and de normalized tables* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Diaz, R. J. B. (2006). *Using data caching for handheld devices in process monitoring* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Dizon, A. R. G. (2006). *Machine sound logger: sound analysis as a tool for predictive maintenance* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.



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- Dormitorio, M. P. (2007). *Test plan evolution for regression testing* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Eliquen, N. S. (2006). *Route planner system for mobile devices using Dijkstra's algorithm* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Estrada, J. E. (2016). *Model Development for Real-Time Human Sitting Posture Detection Using Mobile Devices and a Camera* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Fernandez, A. C. T. (2019). *Computing the Linguistic-Based Cues of Credible and Not Credible News in the Philippines Towards Fake News Detection* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua University.
- Gutierrez, A. U. (2007). *Unicorn: a one-way data synchronizer for normalized and de-normalized tables* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Haghighifard, S. (2018). *Presidential election's economical uncertainty influence on Narx neural networks ability to predict stock index* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua University.
- Hernandez, B. G. (2007). *Hawkeye: a visual framework for monitoring and controlling build components and processes* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Kho, J. R. D. (2018). *Credit card fraud detection based on transaction behavior* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua University.
- Le, Hoa Thi. (2016). *Customer Emotion Recognition Through Facial Expression* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Maglaya, M. G. L. (2006). *FuturEX: a rule-based expert system for red river assessment and recommendation* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Mendoza, R. A. R. (2007). *Aspect diagram for AO design.* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.



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- Micua, F. U. (2007). *Alarm Notification through handheld device* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Olegario, M. C. L. (2007). *Development of a smart client using share point web services for share point administration* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Palisoc, M. J. O. (2010). *Generic content-based user profile engine using genetic algorithm* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Priña, A. P. C. (2013). *Image Stitching using Moravec Corner Detector Algorithm with Linear Gradient Alpha Blending* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Ramirez, E. P. L. (2006). *Plant vision: image recognition system for plant monitoring and diagnosis* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Ratilla, J. B. S. (2006). *3D geometric modeling framework for windows presentation foundation* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Relopez, R. M. F. (2006). *Assessment and comparison of extreme programming methods with the current software development process of a team* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Rodas, J. R. (2006). *Harmony evolution: synchronous concurrent testing framework for .NET applications across machines* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Samonte, J. S. J. (2007). *An AOP weaver for C#/.Net using the code document object model* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Samonte, M. J. C. (2009). *Blood glucose and hemoglobin ALc (Hb ALc) EMR* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Santos, F. V. J. (2005). *Jamboree: an XML-based code instrumentation tool for gathering runtime performance data* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Santos, G. C. T. (2008). *Component-based application deployment framework* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.



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- Tabac, A. G. (2007). *Runtime function call tracing and source line information generation* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Tan, J. J. B. (2006). *PCML: pocket custom markup language for user interface rendering in handheld devices* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Tomas, J. P. Q. (2009). *Leaf color analysis through image processing* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Umali, G. V. (2006). *Fuzzy information retrieval tool for technical support specialists* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.
- Vergara, F. D. (2008). *Data mining applied to electronic transaction management* [Master's Thesis, MSCS]. School of Graduate Studies, Mapua Institute of Technology.