Miguel Velez

Publications

Refereed Journal Articles

[2] David L. Parnas. "On the Criteria to be used in Decomposing Systems into Modules". In: *Commun. ACM* 15.12 (1972), pp. 1053–1058.

[1] Wm. A. Wulf, Ralph L. London, and Mary Shaw. "An Introduction to the Construction and Verification of Alphard Programs". In: *IEEE Trans. Softw. Eng. (TSE)* SE-2.4 (Dec. 1976), pp. 253–265.

Refereed Conference Publications

[1] Miguel Velez, Jason Sawin, Alexia Ingerson, and David Chiu. "Improving Bitmap Execution Performance Using Column-Based Metadata". In: *The IEEE 4th International Conference on Future Internet of Things and Cloud*.

Miscellaneous

[5] Miguel Velez and Jason Sawin. *Improving the Efficiency of CHA through Parallelization*. Poster. Inquiry at St. Thomas. May 2016.

[4] Miguel Velez and Jason Sawin. *Faster WAH Compression Querying through the Use of Metadata*. Poster. Consortium for Computing Sciences in Colleges Midwest Region. 1st place Discovery Track. 2015.

[3] Miguel Velez and Armando Solar-Lezama. *Simpler Implementation of Sketches through Enhanced Expressiveness*. Poster. MIT Summer Research Poster Session. 2015.

[2] Miguel Velez. *Current and Future Relationships Between Robots and Humans*. Summa Cum Laude Paper. Apr. 2015.

[1] Miguel Velez, Peter Gittins, and Jason Sawin. *Extending SMILES to Encode Reaction Mechanisms*. Poster. Inquiry at St. Thomas. May 2014.