BIOGRAPHICAL SKETCH

Jeffrey C. Carver
Department of Computer Science
University of Alabama
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PROFESSIONAL PREPARATION

Louisiana State University	Computer Science	B.S.	1997
University of Maryland, College Park	Computer Science	Ph.D.	2003
University of Maryland, College Park	Computer Science	2003-2004 (postdoc)	

APPOINTMENTS

2017 – present	Professor, University of Alabama
2012 – 2017	Associate Professor, University of Alabama
2008 – 2012	Assistant Professor, University of Alabama
2006 – 2009	Visiting Scientist, Software Engineering Institute, CMU
2004 – 2008	Assistant Professor, Mississippi State University
2003 – 2004	Faculty Research Associate, University of Maryland, College Park

FIVE RELATED PRODUCTS

1. Al-Zubidy, A. and **Carver, J.** "Identification and Prioritization of SLR Search Tool Requirements: An SLR and a Survey." *Empirical Software Engineering*. 24(1):139-169. Feb. 2019
2. Al-Zubidy, A., **Carver, J.**, Hale, D., and Hassler, E. "Vision for SLR tooling infrastructure: Prioritizing value-added requirements." *Information and Software Technology*. Vol 91. pp. 72-81.. Nov. 2017.
3. Hassler, E., Carver, J., Hale, D., Al-Zubidy, A. "Identification of SLR tool needs – results of a community workshop." *Information and Software Technology*, Vol. 70, pp. 122-129
4. Carver, J.C., Hassler, E., Hernandes, E. and Kraft, N.A. "Identifying Barriers to the Systematic Literature Review Process." *Proceedings of the 2013 International Symposium on Empirical Software Engineering and Measurement*. Oct. 10-11, Baltimore, MD. p. 203-212.
5. Hassler, E., Carver, J., Kraft, N., and Hale, D. "Outcomes of a Community Workshop to Identify and Rank Barriers to the Systematic Literature Review Process." *18th International Conference on Evaluation and Assessment in Software Engineering*. May 13-14, 2014. London, UK.

FIVE SELECTED PRODUCTS

1. Bosu, A., **Carver, J.**, Bird, C., Orbeck, J., and Chockley, C. "Process Aspects and Social Dynamics of Contemporary Code Review: Insights from Open Source Development and Industrial Practice at Microsoft." *IEEE Transactions on Software Engineering.* 43(1):56-75. January 2017.
2. Williams, B. and Carver, J. "Characterizing Software Architecture Changes: A Systematic Review." *Information and Software Technology*. 52(1): 31-51. Jan. 2010. DOI: 10.1007/s10664-012-9223-y.
3. Melo, S., **Carver, J.**, Souza, P., and Souza, S. "Empirical research on concurrent software testing: A systematic mapping study". *Information and Software Technology.* Online First.
4. Theisen, C., Munaiah, N., Al-Zyoud, M. **Carver, J.**, Meneely, A., and Williams, L. "Attack Surface Definitions: A Systematic Literature Review." *Information and Software Technology*. Online First.
5. Walia, G. and Carver, J. "A Systematic Literature Review to Identify and Classify Software Requirements Errors." *Information and Software Technology*. 51(7):1087-1109. Nov/Dec 2009.

SYNERGISTIC ACTIVITIES

- **Editorial Board**, *IEEE Transactions on Software Engineering*, *Empirical Software Engineering, Information & Software Technology, Software Quality Journal, IEEE Software*
- **Associate Editor-in-Chief**: *Computing in Science & Engineering*
- **Organizer**: Workshop series entitled "International Workshop on Software Engineering for Science" (2008-2011, 2013-2019)
- **Program Committee:** International Symposium on Empirical Software Engineering and Measurement (2007-2019)
- **Co-Program Chair:** 2016 International Symposium on Empirical Software Engineering and Measurement