Grant Williams

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EDUCATION

2015 – 2018:   Doctor of Philosophy (Ph.D.) Candidate in Computer Science and Engineering
Louisiana State University, Louisiana, USA
Advisor: Anas Mahmoud

2012 – 2014:   Master of Science (M.S.) in Mathematical Science, Concentration in Computer Science
McNeese State University, Louisiana, USA
Thesis: *Creating a Hybrid Hierarchical File System*
Advisor: Vipin Menon

2008 – 2012:   Bachelor of Science (B.S.) in Computer Science, Minor in Mathematics
McNeese State University, Louisiana, USA

EMPLOYMENT HISTORY

2018:   Data Science Intern
Microsoft Corporation, Washington, USA

2018:   Instructor of Computer Science and Engineering
Louisiana State University, Louisiana, USA

2015 – 2018:   Teaching Assistant of Computer Science and Engineering
Louisiana State University, Louisiana, USA

2014:   Automation Engineer
Louisiana State University, Louisiana, USA

2010 – 2012:   Computer Technician
McNeese State University, Louisiana, USA

PUBLICATIONS

1. **G. Williams** and A. Mahmoud, Modeling User Concerns in the App Store: A Case Study on the Rise and Fall of Yik Yak, IEEE Requirements Engineering Conference (RE'18), pp. 1-10 (**AR:** 24/126 = 19%)

2. **G. Williams** and A. Mahmoud, Mining Twitter Data for Software User Requirements, IEEE 23rd International Requirements Engineering Conference (RE'17), pp. 1-10 (**AR:** 27/94 = 28%)

3. E. Poche, N. Jha, **G. Williams**, M. Vesper, J. Staten and A. Mahmoud, Analyzing User Comments on YouTube Coding Tutorial Videos, International Conference on Program Comprehension (ICPC' 17), pp. 196 - 206 (**AR:** 22/76 = 19%)

4. **G. Williams** and A. Mahmoud, Analyzing, Classifying, and Interpreting Emotions in Software Users' Tweets, Second International Workshop on Emotion Awareness in Software Engineering (ICSE/SEMotion), pp 2-7, 2017

5. **G. Williams** and A. Mahmoud, Copper: Bringing Flexible Components to the .NET Framework, First International Workshop on Establishing a Community-Wide Infrastructure for Architecture-Based Software Engineering (ICSE/ECASE), pp. 29 – 35, 2017

6. **G. Williams** and A. Mahmoud, Mining Twitter Data for a More Responsive Software Process, International Conference on Software Engineering (ICSE: Posters)

7. A. Mahmoud and **G. Williams**, Detecting, Classifying, and Tracing Non-Functional Software Requirements. Requirement Engineering Journal - Special Issue on Best Papers of RE'15 (REJ), 21(3): 357–381, 2016.

AWARDS AND HONORS

- 2018 Best Poster Award, 2nd LSU Graduate Student Research Symposium (GSRS)
- 2017 ICSE Student Volunteer
- 2017 ACM CAPS/NSF Travel Award to Attend ICSE
- 2017 Graduate School Award to Attend ICSE
- 2015 NSF Travel Award to Attend RE
- 2015 Clayton Engineering Excellence Award for Outstanding Ph.D. Graduate Student

PRESENTATIONS AND TALKS

- **Mining Twitter Data for a More Responsive Software Engineering Process**
  International Conference on Software Engineering, Buenos Aires, Argentina, 2017
- **Copper: Brining Flexible Components to the .NET Framework**
  International Workshop on Establishing a Community-Wide Infrastructure for Architecture-Based Software Engineering, Buenos Aires, Argentina, 2017
- **Analyzing, Classifying, and Interpreting Emotions in Software Users Tweets**
  International Workshop on Emotion Awareness in Software Engineering, Buenos Ares, Argentina, 2017
- **An Information Theoretic Approach for Extracting and Tracing Non-functional Requirements**
  International Requirements Engineering Conference, Ottawa, Canada, 2015
- **Exploiting Online Human Knowledge in Requirements Engineering**
  International Requirements Engineering Conference, Next! Track, Ottawa, Canada, 2015

TEACHING

- CSC 3380 Object-Oriented Design (**Instructor**)
- CSC 1240 Programming for Engineers (**T.A.**)
- CSC 1350 Introduction to Programming (**T.A.**)
- CSC 1351 Object Oriented Programming (**T.A.**)
- CSC 3501 Computer Organization and Design (**T.A.**)
- CSC 4330 Software Engineering (**T.A.**)