

TAMANNA HOSSAIN-KAY

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EDUCATION

MS	University of California, Irvine Computer Science, GPA: 3.98 Advisor: Sameer Singh	2019-2021
MS	Oklahoma State University Statistics, GPA: 4.00 Advisor: Joshua Habiger	2013-2015
BA	Lawrence University Mathematics, Philosophy, GPA: 3.51, <i>cum laude</i> Advisors: Richard Sanerib, Tom Ryckman	2008-2012

HONORS AND AWARDS

Best Paper Award EMNLP 2020, COVID-19 Workshop (Part-2)	2020
Most Innovative Use of Data Jornaya	2016

PAPERS

Detecting COVID-19 Misinformation on Social Media
Tamanna Hossain, Robert L. Logan IV, Arjuna Ugarte, Yoshitomo Matsubara, Sean Young, Sameer Singh
EMNLP 2020, COVID-19 Workshop (Part-2) (*Best Paper Award*)

WORK EXPERIENCE

Graduate Student Researcher Computer Science, University of California, Irvine	June, 2020-Present
<ul style="list-style-type: none">Detecting COVID-19 Misinformation on Social Media Supervisor : Sameer SinghUCI Machine Learning Repository Supervisor : Sameer Singh, Padhraic Smyth	

- Reader** Sep, 2019 – June 2020
 Computer Science, University of California, Irvine
- CS 177 : Applications of Probability in Computer Science
 - CS 121 : Information Retrieval
 - CS 178 : Machine Learning and Data Mining
- Data Scientist** 2016-2019
 Loan Depot
- Built lead scoring models (R)
 - Administrator for R-Server
 - Build interactive dashboards and live data monitors, primarily for the Contact Center (Tableau, SQL)
- Instructor** 2014-2015
 Statistics, Oklahoma State University
- Instructor for *Elementary Statistics* for three semesters (average instructor rating of 4.5/5)
 - Supervised three Honors research projects
- Teaching Assistant** 2013-2014
 Statistics, Oklahoma State University
- Tutor and grader for introductory and intermediate statistics courses
- Student Tutor** 2010-2012
 Lawrence University
- Grader for *Calculus II* and *Intermediate Probability and Statistics*
 - Tutor for Calculus (I, II, III), statistics, probability, econometrics, oral communication, writing, ESL
- Department Assistant** 2010-2012
 Mathematics, Lawrence University
- Organizing social events for the Department of Mathematics
 - Responsible for maintaining announcements and posters in department common areas

AFFILIATIONS

Kappa Alpha Theta

2009-Present

LANGUAGES

English, Bangla

SKILLS

Python, R, Tableau, SQL, HTML, SAS, Alteryx, Excel

SERVICE EXPERIENCE

Coordinating Board Member

2012-2013

One Billion Rising (OBR), Bangladesh Chapter

- Organized nationwide events for OBR, a global movement protesting violence against women

President

2011-2012

V-Day, Lawrence University Chapter

- Guided sexual assault survivors through counseling and/or administrative procedures
- Raised money for local women's shelter and co-sponsored events to raise public awareness

General Secretary

2010-2011

Student Government (LUCC), Lawrence University