

# Sushmita Khan

*Research in Social Computing and Online social behavior*

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## Summary

I study human behavior in online communities with the overarching goal of making the internet a just, inclusive, and safe environment. I am currently working on two research projects - one, where I am investigating adolescents' privacy behavior, and security practices in online activities, and the other where I am modeling empathy in virtual agents to contribute to online counseling platforms.

## Education

- 2020 - Present **Ph.D. Human Centered Computing**, *Clemson University*, Clemson, SC.  
Advisors: Dr. Bart Knijnenburg and Dr. Nina Hubig
- 2019 - 2020 **MSc. Mathematics**, *Georgia Southern University*, Statesboro, GA.
- 2016 - 2018 **MSAE Information Technology**, *Georgia Southern University*, Statesboro, GA.
- 2010 - 2013 **Bsc. Computer Science and Engineering**, *Brac University*, Dhaka, Bangladesh.

## Research

- Fall 2020 - Present **Graduate Researcher**, *HATLAB*, Clemson University, Clemson, SC
  - Ongoing project investigating adolescents security use in day-to-day online activities
  - Developing semi-structured interview for the study
- Fall 2020 - Present **Graduate Researcher**, *DZRPT Lab*, Clemson University, Clemson, SC
  - Ongoing project modeling empathy in virtual agents for online counseling and psychological services
  - Developing empathy classification model from audio intonation
- Fall 2018 **Research Intern**, *iSensor Analytics Lab*, Florida State University, Tallahassee, FL
  - Extracted linguistic cues to help identify behavioral patterns exhibited by cyber attackers and defenders
  - Conducted literature review on misinformation and disinformation
- Fall 2016 - Summer 2018 **Graduate Researcher**, *Georgia Southern University*, Statesboro, GA
  - Led large scale quantitative data analysis projects on social media and consumer behavior, published two paper, and got best paper award in one
  - Identified factors influencing helpfulness in feature rich products reviews on Amazon.com

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## Teaching

- Fall 2020 - Present **Teaching Assistant/School of Computing**, *Clemson University*, Clemson, SC
- CPSC1111, Introduction to Programming (C)
- Spring - Summer 2019 **Teaching Assistant/Mathematics Dept.**, *Georgia Southern University*, Statesboro, GA
- MATH1441, Calculus I
- Spring 2018 **Teaching Assistant/IT Dept.**, *Georgia Southern University*, Statesboro, GA
- IT2430, Data Programming I(Python)

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## Professional Experience

- July 2019 - June 2020 **Data Analyst/Office of Career Services**, *Georgia Southern University*, Statesboro, GA
- Analyzed survey responses to develop report summarizing alumni success for career services website (Click for report)
  - Conducted descriptive and prescriptive analytics to interpret and communicate career service data in weekly and monthly reports
- Jul 2015 - July 2016 **Business Analyst**, *Dynamic Solution Innovators*, Dhaka, Bangladesh
- Gathered and developed requirement specs for an application update for Recenseo
- Aug 2014 - June 2015 **IT Intern**, *Berger Paints*, Dhaka, Bangladesh
- Developed user manuals for SAP(BPC) modules that helped users transition into the system

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## Publications

### Refereed Conference Papers

- Iqbal, M., **Khan S.**,(2018): Mining Facebook Page for Bi-Partisan Analysis(Student Paper), Southern Association of Information Systems, Atlanta, GA
- Kaleta, J., Yin, J., **Khan S.**,(2018): Twitter Sentiment Toward Autism During Autism Awareness Month, Southern Association of Information Systems, Atlanta, GA; **Best paper award (among 41 accepted papers)**
- Kaleta, J., Aasheim, C., **Khan S.**,(2018):, Factors Influencing the Helpfulness of Online Product Reviews: An Empirical Analysis(Extended abstract), Southeastern Chapter of INFORMS, Myrtle Beach, SC
- Khan S.**,(2017):, Grouping Students According to IT-Related Ethical Behavior: An Application of Clustering Algorithm(Student Paper), Southeast Decision Sciences Institute, Charleston, SC; **Best student paper award**