

## RACHEL BLEIMAN

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### EDUCATION

Temple University, Philadelphia, PA  
PhD Student, Criminal Justice

August 2020 -Present

Bachelor of Arts, Criminal Justice

May 2020

Minors in Information Science & Technology, Psychology

GPA: 3.93

### HONORS & AWARDS

Liberal Arts Undergraduate Research Award (LAURA).....Summer 2020  
Livingstone Undergraduate Research Award, Social Sciences.....Spring 2020  
SaTC PI Meeting Travel Grant.....Fall 2019  
CARAS Travel Grant.....Fall 2019  
Phi Beta Kappa Honors Society.....Spring 2019-Present  
Dean's List.....Fall 2016-Fall 2018, Fall 2019  
Temple University Honors Program.....Fall 2016-Spring 2020

### PUBLICATIONS

- Rege, A. & **Bleiman, R.** (in press). "Ransomware attacks against critical infrastructure". *Proceedings of the 19<sup>th</sup> European Conference on Cyber Warfare and Security*.
- Rege, A., Nguyen, T., & **Bleiman, R.** (in press). "A social engineering awareness and training workshop for STEM students and practitioners". *Proceedings of the 10<sup>th</sup> IEEE Integrated STEM Education Conference*.
- **Bleiman, R.** & Rege, A. (2020). "An Examination in Social Engineering: The Susceptibility of Disclosing Private Security Information in College Students". *Proceedings of the 15<sup>th</sup> International Conference for Cyber Warfare and Security*.

### CONFERENCE AND PRESENTATION EXPERIENCE

- **Rachel Bleiman**, "Looks (and dogs) can be deceiving: student-on-student manipulation," *Virtual, September 2020, BSides Boston*
- NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure, September 2020
- **Rachel Bleiman** & Wilson Diaz, "Undergraduate Student Experiences in Social Engineering" *Virtual, June 2020, Layer8 Conference*
- **Rachel Bleiman** & Trinh Nguyen, "A social engineering awareness and training workshop for STEM students and practitioners" *Virtual, August 2020, The 10th IEEE Integrated STEM Education Conference (ISEC)*
- **Rachel Bleiman**, "The Susceptibility of Disclosing Private Security Information in College Students," *Alexandria, VA, October 2019, NSF Secure and Trustworthy Cyberspace Principal Investigators' Meeting*
- **Rachel Bleiman**, "Social Engineering Project: Pretexting" *San Diego, CA, October 2019, NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure*
- **Rachel Bleiman**, "Social Engineering Course Projects: Terms and Conditions," *San Diego, CA, October 2019, NSF Cybersecurity Summit for Large Facilities and Cyberinfrastructure*

## TRAININGS AND WORKSHOPS

- Rege, A., **Bleiman, R.** & Ducoste, M. (2020). Social engineering for multiple undergraduate STEM fields. The 10th IEEE Integrated STEM Education Conference (ISEC). Virtual, August 1, 2020.
- Rege, A., Nguyen, T. & **Bleiman, R.** Social Engineering Workshop. Women in Cybersecurity Conference. Denver, Colorado, March 14, 2020. – accepted, but conference cancelled due to covid-19.
- Rege, A., Nguyen, T. & **Bleiman, R.** (2019). Social Engineering Workshop. 2019 NSF Cybersecurity Summit. San Diego, California, October 15, 2019.

## PROFESSIONAL EXPERIENCE

**Temple University**, Philadelphia, PA

*Undergraduate Research Assistant, NSF Career Award #1453040*

August 2019- May 2020

*Graduate Research Assistant, NSF Career Award #1453040*

June 2020-Present

*Principle Investigator: Dr. Aunshul Rege*

- Conduct field research at cyber ranges and cybersecurity competitions to observe adversarial behavior in cyberattacks
- Conduct interview and observational data analysis to understand adversarial behavior and group dynamics in cyber attacks
- Maintain a repository of critical infrastructure cyber attacks
- Assist with designing training projects on cyber security education

**Temple University**, Philadelphia, PA

May 2019- October 2019

*Principle Investigator, Undergraduate Honors Research Project*

- Designed a social engineering research study
- Designed interview and observation data collection instruments
- Collected field research
- Recruited and surveyed subjects

**Temple University**, Philadelphia, PA

April 2019- Present

*TECH Center Student Consultant*

- Consult and troubleshoot technological issues with printers and computers
- Fulfill administrative tasks including answering phones, renting laptops to students, and booking study rooms through an online portal
- Conduct inspections to ensure that patrons are abiding by the policies in place

**Temple University**, Philadelphia, PA

August 2018 – May 2020

*Subject Tutor, Resnick Academic Support Center*

- Aid student-athletes in their studies by explaining difficult material and concepts in the areas of Criminal Justice, including research methods and statistics
- Create post-session reports to facilitate good communication among myself, the student-athlete, and the academic advisor
- Practice active listening to assess problems and adapt to each student's need

## RELEVANT INVOLVEMENT

**Criminal Justice Society**

September 2017 – May 2020

- Attended Naloxone (Narcan) Training to reverse opioid overdoses
- Participated in group discussions with guest speakers in various criminal justice fields
- Volunteered in the respective area of Philadelphia

## **SKILLS**

- Research Proficiency
- Microsoft Office
- Statistical Analysis in SPSS
- Programming in Java, Python, and SQL
- ArcGIS