JEONGKEUN SHIN

Carnegie Mellon University
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EDUCATION

Carnegie Mellon University, Carnegie Institute of Technology
Ph.D. in Electrical and Computer Engineering
Advisor : Professor Kathleen Carley

Pittsburgh, PA
Jan 2022 - Present

Carnegie Mellon University, Carnegie Institute of Technology
M.S. in Electrical and Computer Engineering
Advisor : Professor Marios Savvides

Pittsburgh, PA
May 2021

University of Michigan, College of Engineering
B.S.E. in Computer Science
Advisor : Professor Walter Lasecki

Ann Arbor, MI
Dec 2019

RESEARCH EXPERIENCE

Computational Analysis of Social and Organization Systems Lab
Research Assistant : Advisor – Professor Kathleen Carley
Research Topic : Agent-based Modeling, Computer Simulation

Jan 2022 - Present

CyLab Biometrics Center
Research Assistant : Advisor – Professor Marios Savvides
Research Topic : Computer Vision, Deep Learning, User Interface

Jan 2020 - Dec 2020

Crowd and Machine Lab
Research Assistant : Advisor – Professor Walter Lasecki
Research Topic : Human-Computer Interaction, User Interface

Jan 2018 - Dec 2018

Illinois Geometry Lab
Research Scholar : Advisor – Professor Xin Zhang
Research Topic : Local Global Principles

Jan 2017 - May 2017

PUBLICATIONS

Conference Proceedings :

[C1] Shin Jeongkeun, Geoffrey B. Dobson, Kathleen M. Carley, and L. Richard Carley. "OSIRIS: Organization Simulation in Response to Intrusion Strategies." In *International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction and Behavior Representation in Modeling and Simulation*, pp. 134-143. Springer, Cham, 2022. [PDF]

Poster :

[P1] Shin Jeongkeun, Geoffrey B. Dobson, L. Richard Carley, and Kathleen M. Carley. "Leveraging OSIRIS to simulate real-world ransomware attacks on organization". 2022 Winter Simulation Conference (*In Press*)