# JEONGKEUN SHIN

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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**   **Jan 2022 - Present**
Research Assistant, Advisor : Prof. Kathleen Carley
Research Topic : Agent-based Modeling and Simulation

**CyLab Biometrics Center**   **Jan 2020 - Dec 2020**
Research Assistant, Advisor : Prof. Marios Savvides
Research Topic : Deep Learning & Intelligent User Interface

**Crowd and Machine Lab**   **Jan 2018 - Dec 2018**
Research Assistant, Advisor : Prof. Walter Lasecki
Research Topic : HCI & Social Computing & User Interface

**Illinois Geometry Lab**   **Jan 2017 - May 2017**
Undergraduate Research Scholar, Advisor : Prof. Xin Zhang
Research Topic : Local Global Phenomenon Analysis

## PUBLICATIONS

**Conference Proceedings :**

[ C1 ]   Jeongkeun Shin, Geoffrey B. Dobson, Kathleen M. Carley, and L. Richard Carley. 2022. "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. ( *In Press* ), Springer

**Poster :**

[ P1 ]   Jeongkeun Shin, 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 Submission* )