**Sixth National Symposium for NSF REU Research in Data Science, Systems, and Security**

**Co-located with IEEE BigData'19**

Workshop Organizers: Mohammad Al Hasan, George Mohler

Symposium Date: December 12, 2019.

**(All sessions will be held in *Beaudry B*)**

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| Time | Title | | Presenter/Author |
| 1:30 – 1:50 | Opening Remarks | | Mohammad Al Hasan |
| Session 1: | | | |
| 1:50 – 2:10 | **Effects of network structure on subjective preference diversity** | | Anne Lin, Andrés Abeliuk, and Emilio Ferrara |
| 2:10 – 2:30 | **Quantifying the Effects of Recommendation Systems** | | Sunshine Chong and Andrés Abeliuk |
| 2:30 – 2:50 | **Group Link Prediction** | | Andrew Stanhope, Hao Sha, Danielle Barman, Mohammad Al Hasan, and George Mohler |
| 2:50 – 3:10 | **Computing as Curricular Peripheral** | | Shanni Lam, Jacob van der Leeuw, Wayne Ying, Zachary Dodds, and Henry Coxe |
| 3:10 – 3:30 | **Detecting Fake News Articles** | | Jun Lin, Glenna Tremblay-Taylor, Guanyi Mou, Di You, and Kyumin Lee |
| 3:30 - 3:55 | **Coffee Break** | | |
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| Session 2: | | | |
| 4:00 – 4:20 | **Paper Recommendation Based on Citation Relation** | | William Tanner, Esra Akbas, and Mir Hasan |
| 4:20 – 4:40 | ***Low Cost Gunshot Detection using Deep Learning on the Raspberry Pi*** | | Alex Morehead, Lauren Ogden, Gabe Magee, Ryan Hosler, Bruce White, and George Mohler |
| 4:40 – 5:00 | ***SoMEF: A Framework for Capturing Scientific Software Metadata from its Documentation*** | | Allen Mao, Daniel Garijo, and Shobeir Fakhraei |
| 5:00 – 5:20 | ***Identifying Important Internet Outages*** | | Ryan Bogutz, John Heidemann, and Yuri Pradkin |
| 5:20 – 5:30 | Closing Remarks | | Mohammad Al Hasan |