WPI

Data Science REU Poster Symposium

Thursday, August 1, 2024
WPI Innovation Studio 2nd Floor
2:00PM – 4:00PM

See the Research. Meet the Students. Judge the Posters
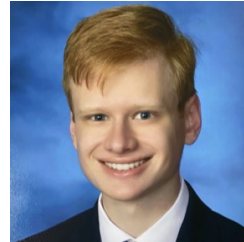NSF REU Site Grant 2349370 | Applied Artificial Intelligence for Advanced Applications

MInDS: Using LLMs to Screen for Depression

Advisor: Prof. Elke Rundensteiner (DS, WPI)
Ph.D. Mentor(s): Becks Lopez (WPI), Avantika Shrestha (WPI)

REU Student(s): Janya Bhaskar (University of Colorado Boulder), Chase Carstensen (WPI), Nicholas Small (Providence College)

Self-Supervised Learning from Set-to-Set Matching

Advisor: Prof. Ziming Zhang (ECE, WPI)
Ph.D. Mentor(s): Jose Morales (WPI)

REU Student(s): Zoe Fingleton (Smith College), Brian Jin (Worcester Polytechnic Institute)
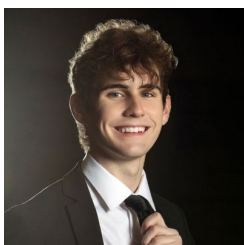
Predictive AI Models for Identifying Biased Health Information in Medical Curriculum

Advisor: Prof. Fabricio Murai (DS, WPI), Prof. Shiri Dori-Hacohen (UConn)
Ph.D. Mentor(s): Shannon Song (WPI), Chiman Salavati (UConn)

REU Student(s): Gavin Butts (Loyola Marymount University), Pegah Emdad (WPI), Jethro Lee (Northeastern University)

No Time (To Die): Machine Learning for Predicting Time of Death

Advisor: Chun-Kit Ngan (WPI), Dr. Chen Fu (UMass Medical School)
Ph.D. Mentor(s): Qiaochu Liu (WPI), Deep Suchak (WPI)

REU Student(s): Ivan Betancourt (Amherst College), Olivia Liau (University of Texas-Dallas), Tillie Slosser (Smith College)