

Funded

Shaw, Alan (Co-Principal), North, Sarah M. (Principal), Lo, Dan Chia-Tien (Co-Principal), Shi, Yong (Co-Principal), Xu, Xiaohua (Co-Principal), "ALG: Developing More Affordable No-Cost-To-Student Learning Materials For Required Core Courses in Undergraduate Computer Science Programs (BSCS) – Department-Wide Transformation," Sponsored by Affordable Learning Georgia, Kennesaw State University, \$30,000.00. (February 24, 2020 - March 5, 2021).

Shaw, Alan (Assistant Professor)

Funded

Shaw, Alan (Principal), Lawler, Brian (Co-Principal), Muralidhar, Deepa (Co-Principal), "Supporting computational thinking for middle school mathematics students through diagrammatic reasoning and representational logic," Sponsored by NSF, Kennesaw State University, \$498,276.00. (December 1, 2020 - December 31, 2023).

Funded

Shaw, Alan (Principal), North, Sarah M. (Co-Principal), Lawler, Brian (Co-Principal), "Enhancing Diagrammatic Reasoning and Representational Logic in Middle School Algebra through Simulation and Modeling Apps for Low Performing, Underserved Students," Sponsored by NSF, Kennesaw State University, \$499,927.00. (May 2020 - August 2023).

Funded

Shaw, Alan (Co-Principal), North, Sarah M. (Principal), Lo, Dan Chia-Tien (Co-Principal), Shi, Yong (Co-Principal), Xu, Xiaohua (Co-Principal), "ALG: Developing More Affordable No-Cost-To-Student Learning Materials For Required Core Courses in Undergraduate Computer Science Programs (BSCS) – Department-Wide Transformation," Sponsored by Affordable Learning Georgia, Kennesaw State University, \$30,000.00. (February 24, 2020 - March 5, 2021).

Shi, Yong (Associate Professor)

Funded

Shi, Yong (Principal), "ALG: Revision of open educational resources (OER) used in CS 4524," Sponsored by Affordable Learning Georgia, State, \$2,800.00. (May 2021 - May 2022).

Funded

Shaw, Alan (Co-Principal), North, Sarah M. (Principal), Lo, Dan Chia-Tien (Co-Principal), Shi, Yong (Co-Principal), Xu, Xiaohua (Co-Principal), "ALG: Developing More Affordable No-Cost-To-Student Learning Materials For Required Core Courses in Undergraduate Computer Science Programs (BSCS) – Department-Wide Transformation," Sponsored by Affordable Learning Georgia, Kennesaw State University, \$30,000.00. (February 24, 2020 - March 5, 2021).

Son, Junggab (Assistant Professor)

Funded

Son, Junggab, "Secure and Efficient Federate Learning for Automated Internet-of-Things Environment," Sponsored by Institute of Information & Communications Technology Planning & Evaluation (IITP), Kennesaw State University, \$102,358.39. (July 1, 2021 - October 31, 2022).

Suo, Kun (Principal), "Summer Research Fellow Program 2021," Sponsored by Kennesaw state university, Kennesaw State University, \$8,800.00. (May 2021 - June 2021).

Funded

Department of Information Technology

Forsyth, William (Lecturer)

Funded

Li, Lei, "Information Security Policy Compliance in Higher Education – A Perspective in the

Pouriyeh, Seyedamin (Assistant Professor)

Funded

Pouriyeh, Seyedamin, "The Role of Federated Learning in Diagnosis of COVID-19," Sponsored by Kennesaw State University (Office of Research) 2021-2022, Kennesaw State University, \$4,000.00. (September 2021 - 2022).

Funded

Shahriar, Hossain Mohammad, Valero, Maria A, Zhao, Liang, Pouriyeh, Seyedamin, Tian, Shirley, "ALG Round 19 - MSIT Course Revision," Sponsored by Board of Regents of the University System of Georgia (BOR), State, \$10,000.00. (March 19, 2021 - August 15, 2022).

Funded

Rutherford, Rebecca, Valero, Maria A, Halstead-Nussloch, Richard, Pouriyeh, Seyedamin, "ALG Round 18 IT6853, IT6883, IT4853," Sponsored by Board of Regents of the University System of Georgia (BOR), State, \$24,000.00. (December 2020 - December 2021).

Funded

Meimandi Parizi, Reza (Principal), Pouriyeh, Seyedamin (Principal), "FL-IDS: Federated Learning for Effective Intrusion Detection System in IoT Mobile Attacks," Sponsored by Suntrust, \$9,000.00. (2020 - 2021).

Funded

Pouriyeh, Seyedamin, "Graduate Research Assistant Fellowship - two positions (Tier 2)," Sponsored by Kennesaw State University - Graduate College, \$4,000.00. (June 2021 - July 2021).

Funded

Pouriyeh, Seyedamin, "Graduate Research Assistant Fellowship (Tier 2)," Sponsored by Kennesaw State University - Graduate College, \$9,000.00. (August 2020 - May 2021).

Funded

Pouriyeh, Seyedamin, "Graduate Research Assistant Fellowship (Tier 3)," Sponsored by Kennesaw State University - Graduate College, \$12,000.00. (August 2020 - May 2021).

Currently Under Review

Pouriyeh, Seyedamin (Principal), Meimandi Parizi, Reza (Co-Principal), "Accelerating Early Alzheimers Disease Detection with Federated Learning," Sponsored by National Institutes of Health (NIH), Federal, \$338,750.00. (2021 - Present).

Currently Under Review

Pouriyeh, Seyedamin (Principal),

Privitera, Donald (Lecturer)

Funded

Shahriar, Hossain Mohammad (Principal), Halstead-Nussloch, Richard (Co-Principal), Privitera, Donald (Co-Principal), Forsyth, William (Co-Principal), Jamison, Jamie (Co-Principal), "ALG R20 Continuous Improvement Grant of BSIT," Sponsored by USG Affordable Learning Georgia, State, \$10,000.00. (December 2021 - December 2022).

Rutherford, Becky (Professor)

Funded

Li, Lei, Rutherford, Rebecca, Li, Zhigang, Tian, Shirley, Le, Linh, Morrow, Darin, "ALG Round 20 Continuous Improvement Grant," Sponsored by Affor1 (o)-12. doN(uo)-12.312. ARduo ARariff

Valero, Maria A, "Critical health vital signs data storing and retrieval via Blockchain,"
Sponsored by Graduate College KSU, Kennesaw State University, \$9,000.00. (June
2021 - May 2022).

Department of Software Engineering and Game Development

Dehbozorgi, Nasrin (Assistant Professor)

Funded

Dehbozorgi, Nasrin, "Graduate College (GRA hiring fund)," Sponsored by KSU, Kennesaw State University, \$6,000.00. (2021 - Present).

Funded

Dehbozorgi, Nasrin (Principal), "PI Academy (GRA hiring grant)," Sponsored by KSU, Kennesaw State University, \$6,000.00. (2021 - Present).

Funded

Kendrick, Kaleigh (Co-Principal), Spoletini, Paola (Co-Principal), Dehbozorgi, Nasrin (Co-Principal), "Student Success Grant," Sponsored by KSU, Kennesaw State University, \$402,557.00. (August 2021 - July 2024).

Currently Under Review

Dehbozorgi, Nasrin (Principal), "CRIL:IIS: A Conversational Recommender System for Pedagogical Design Patterns," Sponsored by NSF, Federal, \$174,696.00. (2021 - Present).

Huang, Yan, "Attractive Virtual Reality Powered Course Development for K12 Cybersecurity and Privacy Education," Sponsored by Kennesaw State University, Kennesaw State University, \$10,780.00. (August 2020 - June 2021).

Currently Under Review

Huang, Yan (Co-Principal), Li, Joy (Supporting), Yenduri, Sumanth (Supporting), "GenCyber-Middle School Cybersecurity Education via Virtual Reality," Sponsored by NSA 2023 GenCyber, Federal, \$98,198.00. (2021).

Currently Under Review

Huang, Yan, Cai, Zhipeng, "NSF: REU Site: Summer Research for Undergraduates in Realizing and Secure the Power of AI," Sponsored by NSF, Kennesaw State University, \$323,889.00. (July 2021 - August 2021).

Currently Under Review

Huang, Yan, "CRII: SaTC: Building a Customizable Framework for Robust Personalized Federated Learning," Sponsored by NSF, Federal, \$169,858.00. (April 2021 - August 2021).

Kendrick, Kaleigh (Lecturer)

Funded

Kendrick, Kaleigh (Co-Principal), Spoletini, Paola (Co-Principal), Dehbozorgi, Nasrin (Co-Principal), "Student Success Grant," Sponsored by KSU, Kennesaw State University, \$402,557.00. (August 2021 - July 2024).

Funded

Peltsverger, Svetlana B., Spoletini, Paola, Forsyth, William, "Help to Empower and Retain - Computing Students (HER-CS)," Sponsored by Northeastern University, Other, \$60,000.00. (October 2021 - October 2023).

Funded

Spoletini, Paola, "Before, during, and after requirements elicitation interviews: a comprehensive support for improving the quality of requirements," Sponsored by NSF, Federal, \$399,940.00. (August 15, 2017 - August 14, 2022).

Yenduri, Sumanth (Professor)

Currently Under Review

Huang, Yan (Co-Principal), Li, Joy (Supporting), Yenduri, Sumanth (Supporting), "GenCyber-Middle School Cybersecurity Education via Virtual Reality," Sponsored by NSA 2023 GenCyber, Federal, \$98,198.00. (2021).

School of Data Science and Analytics

Brown, Austin (Assistant Professor)

Funded

Kluszczewicz, Brian Matthew, Buresh, Robert J., Brown, Austin, "High Intensity Body-weight Circuit Training Feasibility and Efficacy for Improving Metabolic Profile, Body Composition, and Health-Related Fitness in Middle Aged Persons with Type 2 Diabetes," Sponsored by NIH, Federal, \$300,000.00. (2020 - Present).

Funded

Brown, Austin (Principal), Koonjah, Yashila (Supporting), "SQL Code Review and Publication Development," Sponsored by Georgia Department of Juvenile Justice, State, \$46,000.00. (August 2021 - July 2021).

Ferguson, Nicole (Associate Professor)

Funded

Ingram, Katherine Heimburger (Principal), Amason, Janeen S. (Supporting), Kluszczewicz, Brian Matthew (Supporting), Ferguson, Amanda Nicole (Supporting), "Risk for Gestational Diabetes: A Condition of Abdominal Fatness or Sedentariness?," Sponsored by NIH/NICHD, Federal, \$406,255.00. (August 2020 - July 2023).

Funded

Ferguson, Amanda Nicole (Principal), Olsen, Irene E (Supporting), Grabich, Shannon Colleen (Supporting), "Determining what values in growth curves best classify small and large-for-gestational age in preterm infants to predict morbidity and mortality," Sponsored by Gerber Foundation, Private, \$334,233.00. (January 1, 2020 - April 2023).

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Priestley, Jennifer (Professor)

Funded