JUDGES

Danny Arana—Sr. Engineering Manager, Payments, Security, & Cloud Services, NCR Corporation
Scott Bradshaw—Application Lead, Consumer Products IT Innovation Team, Georgia-Pacific Consumer Products
Charles J. Cape—Senior Development Manager, Dealer Retail Tools and Data Development, General Motors
Dr. Jeff Chastine—Interim Associate Dean of the Graduate College and Professor of Software Engineering and Game Development, Kennesaw State University
Brett Earnest—Senior Development Manager, Global Cadillac Brand Analytics, General Motors
Santiago Gomez—UX Designer, SOLTECH
Josh Gossett—Software and Controls Developer, Marietta Nondestructive Testing, LLC
Sreekant Gottimukkala—Business Relationship Manager, Media & Information Service, TATA Consultancy Services
Andrew Greenberg—Executive Director and Board Member, Georgia Game Developer Association (GGDA)
Stephanie Hamilton—Network and Service Manager, Norfolk Southern Corps
Michael Hug—Software Development Engineer II, Linux/Virtualization Operations, Enterprise Technology Group, Fiserv
Kevin Jackam—Senior Development Manager, Global Chevrolet Brand Analytics, General Motors
Zachary Kennel—Software Engineer, LexisNexis
Kevin Kluesner—Senior Development Manager, Enterprise Data Integration, General Motors
Sean Leu—Professional Business Manager, AT & T
Tommie Mack—Director I.S. Technology Services, Shaw Industries
Dave Nettuno—IoT Architect, Georgia-Pacific Corporation
Steve Norred—CEO, Marietta Nondestructive Testing
Harsh Patel—SPSU Alumni, Professional Business Manager, AT & T
Robert W. Perez—IT Manager, Enterprise Storage Management, Southern Company Services
Sharon Perry—Founder and CEO of Green Wave Technology, Former President of the SPSU Alumni Association
Dr. Jon Preston—Faculty Executive Assistant to the President and Professor of Software Engineering and Game Development, Kennesaw State University
Kevin Redd—Senior Data Architect, Dealer System DB Development, General Motors
Bruce Skillin—Mobile Lead, Consumer Products IT Innovation Team, Georgia-Pacific Consumer Products LP
Veena Smith—Senior Vice President, SOLTECH
T.J. Thomas—Software and Controls Manager, Marietta Nondestructive Testing, LLC
Ryan Thompson—Senior Systems Engineer, LexisNexis

Special thanks to our sponsors … HPCC Systems and Sharon Perry
Capstone/Senior Projects

1. BethanyNegashFoundation.org—Itsoya Abebe, Hyun Chang, Thiem Huynh & Minh Pham, IT
2. Mobile Usability of EHR Systems—Quintin Williams, Ahsan Gilani & Dong Hwang, IT
3. IT Alumni Profile Database—Robert Clavette, Kristin Jones, Zafermehdi Momin & Mack Taylor, IT
5. TIM for Block Programming—A Tactile Approach—Max Paulk, Adetokunbo Fayemi, David Lam, Jordan Madah-Amiri & Olawale Onafowokan
6. Machine Learning Scala Generator (MLS Gen)—Aaron Settle, Benjamin Barish, Danial Zaid & Dominic Abrams, CS
7. A Game to Teach Introductory Programming—Jason Thomas, Chad Rush, Danielle Davis & Minh-Duc Vu, CS
8. Database Video Game for Android—Samradh Agarwal & Ghassam Ali, CS
9. SimpleScore—Monique Bolton, Chris Dervan & Christopher S. Kolnik, CS
10. OwLift—Tripp Heffernan & Alexander Dykstra, CS
11. JamBlocks—Adetokunbo Fayemi, Wale Onafowokan, David Lam, & Jordan Madah-Amiri, CS
12. Applications Themer—Caleb Hardin & Kevin Ball, CS
13. Taking Images in the Marianas (T.I.M.)—Etienne Fokou, Evan Ross & Vance Willbanks, CS
14. Inventory CRM—Yuxin Peng, Michael Womack & Michaela Womack, CS
15. Netflix Guide—Stephen Kennedy, Veniamin Berenycz & Samuel Darden, CS
16. EBook Collection System—Taylor Hearn, Torin Chaffer, Debora Amosu & Ziyi Cai, CS
17. Climb Tracker Mobile Application—Nattanon Siwabut, Alejandro Flores & Steven Chaney, CS
18. Embedded Homogenizer Controller—Joshua Lee, Max Nakel & Johnathan Nakel, CS
19. Stock Stalker—Andres Munoz, Manuel Villanueva, Josh Bennett & Abifoluwa Oni, CS
20. iLock—Omar Damaj, Michael Gwyn, Danielle Martin, Sam Bryant & Jason Turner, CS
21. KITCHENWIZARD—Marcus Randall, Robert Mullins, Erik Garcia, Bharti Patel & Nik Thompson, CS
22. QTELRe: Quick TELmetry Relay—Deion Anthony, Matthew Dylan Holt, Jaelin Hwang, Houston Nguyen, Begad Shaheen & Michael Milord, CS
23. UScheduler—Andres Montoya, Edward Mwangi, Peter Southwick, Matthew Wohlhab, Jacob Diaz & Matt Bush, CS

Capstone/Senior Projects Cont...

25. Kart.me—Corey Ash, Ryan Pont, Daniel Duttonhofer & David Teal, CS
26. AabraKeyDabra: Virtual Keychain and Home Access Control—Brian Benavides, Colton Cross, Demorisi Jackson, James Philector Davis & Robert Justin Cody, CS
27. Service4U—Sneha Kalakonda, Sepideh Carlo, Elliot Saintil & Charles Pearson, SWE
28. Supporting Aging with Motion-Based Games—Wyatt Shaffer, Shaluni Gautam & Jared Gibson, SWE
29. Journey Home...—Grant Wood, Ozy Ramirez & Aaron Holland, ACST
30. Crash Course!—Marie Ramsay, Noel Rhymer & Jacob Schneider, ACST
31. Rave Hockey!—Oriane Alexander, Jacob Barnett & Nathan Deas, ACST
32. Bubble Lift—Daniele Denton, Ravi Patel & Cory Tucker, ACST

Undergraduate Research and HS Internships

1. Internet of Things-Based Smart Health Care Chair—Prit Shah, Wheeler HS Internship
2. Defensive Programming Methodology—Noah Cole, Wheeler HS Internship
3. Big Data Analytics on Criminal Data Sets—Noah Zimmer, Kennesaw Mountain HS Internship
4. STEM.P.C.—STEM Music Production Center—Max Paulk, CS
5. One Size Doesn’t Fit All—Zane Johnston, CS
6. Empowering Requirements Elicitation Interviews with Vocal and Biofeedback Analysis—Casey Brock & Rahat Shahwar, SWE & CS
7. An Empirical Study: Understanding a Novel Scheme for Software Reuse Through Classification—Dejan Ahmetovic & Miles Sakmar, CS
8. Preventing Insider Exfiltration Attacks with YouTube Videos with DCT Transforms—Christopher Francis-Christie, CS

Graduate research and thesis

1. Internet of Things-Based Smart Classroom Environment—Amir Atabekov, CS
2. Robotic Process Automation Application—Jeff Watson, ITImproving Accuracy and Speed on Machine Learning for Malware Detection—Carlos Cepeda Mora, CS
3. Improving Accuracy and Speed on Machine Learning for Malware Detection—Carlos Cepeda Mora, CS
4. Improving Prediction Performance for Naïve Bayes Classifier—Priya Chandrasekar, CS
5. Deep Learning for Predicting Stock Price Movement—Jinhee Yang, CS
6. Deep Learning Dimension Reduction—Pooja Chenna, CS
7. Task Scheduling and Load Balancing for Cloud Computing—Ravali Chenna, CS
8. Information-Theoretic Anomaly Detection Framework for Web Application—Robert Bronte, IT

Student Organizations

1. Association of IT Professionals—Shelby Silcox, Caleb Roberts & Jonathan Jones. Advisor: Prof. Dawn Tatum
2. Association for Computing Machinery (ACM)-KSU Student Chapter—Marcus Randall, Alex Veselinovic, Sam Inyang, Chane Grant, Amanda Winfield & Dusty Davidson. Advisor: Dr. Sarah North
3. Women in Computing at KSU—Object-Oriented Owls. Advisor: Dr. Amber Wagner
4. College of Computing Club (gC)—William Forsyth, Shelby Silcox, Abdul Wahab. Advisor: Prof. Dawn Tatum