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It gives us immense pleasure to welcome you to the 21st Annual Conference of the Special Interest Group in IT Education (SIGITE 2020) being held virtually during a unique time in our lives. It has been quite a year already. The world around us continues to face an unprecedented time with the pandemic and years of structural racism. We greatly appreciate your continuing understanding and flexibility as the situation demanded. We also wanted to extend our sincere gratitude to all the authors and the more than one hundred reviewers for engaging with SIGITE 2020 despite the stresses of the pandemic in everyone’s lives.

We are thrilled to inform you that the conference received 118 high quality submissions from authors representing 95 different universities from around the world including USA (90%), India, Italy, Thailand, Austria, Canada, Chile, China, Hungary, Indonesia, Nigeria, Philippines, Romania, Tunisia, UAE, Ireland, UK, and Mexico. We are also excited to have three outstanding keynote speakers for the conference – Mr. Steve Kaniewski, President and CEO of Valmont Industries, who used to be the SVP/CIO of the same company; Dr Maria Telleria, Canvas Co-Founder and CTO; and Dr. Lecia Barker, NCWIT Senior Research Scientist and Associate Professor at University of Colorado Boulder. The final conference program has 57 completed research papers, 21 posters/extended abstracts, 5 big idea talks, 6 Work in Progress research papers, 3 panels, 4 workshops and 4 teacher experience track talks. All in all a truly representative collection of work in the IT Education and affiliated domains.

Putting together SIGITE2020 was a team effort primarily led by the conference and program co-chairs and included a number of graduate student volunteers helping with the logistics of the conference. We thank the authors for providing the content of the program. We appreciate our employer, the University of Nebraska at Omaha and in particular the College of Information Science & Technology for supporting us and providing in-kind material and people support for the conference. We express our sincere gratitude to our generous local supporters who agreed to continue supporting the conference even after Covid-19 budget cuts in their organizations. We encourage you to thank these supporters/exhibitors since their contribution allowed a dramatic reduction in our registration rates for all delegates to the virtual conference. Specifically: platinum supporters: Nebraska Tech Collaborative and Union Pacific Railroad; Silver supporters: Conagra Foods and Blue Cross Blue Shield of Nebraska; Academic Supporter Heider School of Business at Creighton University; and other supporters include First National Bank of Omaha, Metropolitan Community College and Prospect Press. Finally we would extend our thanks to the ACM staff for giving us rapid support as the situation changed.

We hope you will find the conference program to be relevant to the current context and thought provoking. In spite of the virtual format, we have provide opportunities for delegates to network, spend time with their peers discussing issues, and share ideas with other researchers and practitioners from institutions around the world.

Deepak Khazanchi
SIGITE2020 General Chair

Harvey Siy, Tenace Kwaku Setor, and George Grispos
SIGITE 2020 Program Co-Chairs
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Dilanga Lakshitha Mudiyanselage (University of Nebraska at Omaha, USA)
WEDNESDAY OCTOBER 7
(7:30 – 8:00)
WELCOME

(8:00 – 9:30)
• 1A: ARTIFICIAL INTELLIGENCE AND ETHICS
• 1B: DATA SCIENCE/ANALYTICS
• 1C: WORK IN PROGRESS

(9:30 – 10:00)
VIRTUAL NETWORKING BREAK AND CONFERENCE SUPPORTER SPOTLIGHT
NE Tech Collab

(10:00 – 11:30)
• 2A: BROADENING PARTICIPATION IN COMPUTING 1
• 2B: BROADENING PARTICIPATION IN COMPUTING 2
• 2C: EXPERIENTIAL LEARNING

(11:30 – 12:15)
NETWORKING BREAK

(12:15 – 13:30)
3: KEYNOTE TALK 1

(13:30 – 14:00)
NETWORKING BREAK

(14:00 – 15:30)
• 4A: GENERAL IT EDUCATION
• 4B: IT CURRICULUM DESIGN 1
• 4C: PANEL 1

(15:30 – 16:00)
NETWORKING BREAK

(16:00 – 17:30)
• 5A: IT CURRICULUM DESIGN 2
• 5B: CLASSROOM ASSESSMENT 1
• 5C: PROJECT-BASED LEARNING

(17:30 – 18:30)
WELCOME RECEPTION

THURSDAY OCTOBER 8
(8:00 – 9:30)
• 6A: BIG IDEAS IN IT EDUCATION
• 6B: MODELS FOR ONLINE IT EDUCATION
• 6C: K-12 TEACHING

(9:30 – 10:00)
VIRTUAL NETWORKING BREAK AND CONFERENCE SUPPORTER SPOTLIGHT
Union Pacific

(10:30 – 11:30)
7: KEYNOTE TALK 2

(11:30 – 12:00)
NETWORKING BREAK

(12:00 – 13:30)
• 8A: CLASSROOM ASSESSMENT 2
• 8B: COVID-19 AND IT EDUCATION 1
• 8C: PANEL 2

(13:30 – 14:00)
NETWORKING BREAK

(14:00 – 14:30)
9i: POSTER MINI-SESSION 1

(14:30 – 15:00)
9ii: POSTER MINI-SESSION 2

(15:00 – 15:30)
9iii: POSTER MINI-SESSION 3

(15:30 – 16:00)
NETWORKING BREAK

(16:00 – 17:30)
• 10A: COVID-19 AND IT EDUCATION 2
• 10B: CYBERSECURITY EDUCATION 1
• 10C: WORKSHOP 1

(17:30 – 18:30)
VIRTUAL HAPPY HOUR

FRIDAY OCTOBER 9
(8:00 – 8:30)
11i: POSTER MINI-SESSION 4

(8:30 – 9:00)
11ii: TEACHING EXPERIENCE MINI-SESSION

(9:30 – 10:00)
VIRTUAL NETWORKING BREAK AND CONFERENCE SUPPORTER SPOTLIGHT
Conagra Brands & Blue Cross
Blue Shield of Nebraska

(10:30 – 11:30)
12: KEYNOTE TALK 3

(11:30 – 12:00)
NETWORKING BREAK

(12:00 – 13:30)
• 13A: SPONSORED WORKSHOP
• 13B: WORKSHOP 1
• 13C: PANEL 3

(13:30 – 14:00)
VIRTUAL CONFERENCE SUPPORTER SPOTLIGHT
First National Bank of Omaha

(14:00 – 15:30)
• 14A: PROJECT MANAGEMENT AND TECHNOLOGY ADOPTION
• 14B: SOFTWARE ENGINEERING EDUCATION
• 14C: CYBERSECURITY EDUCATION 2

(15:30 – 16:00)
NETWORKING BREAK

(16:00 – 17:30)
• 15A CYBERSECURITY EDUCATION 3
• 15B: WORKSHOP 3
• 15C: WORKSHOP 2

(17:30 – 18:30)
CLOSING AND THANKS

SATURDAY OCTOBER 10
(8:00 – 17:00)
• WORKSHOP 4

NOTE: ALL TIMES ARE CDT
WEDNESDAY OCTOBER 7

1A: ARTIFICIAL INTELLIGENCE AND ETHICS
(8:00 – 9:30)
Ethics Assessed: An Interdisciplinary Effort to Develop Standards for Automated Learning Assessment in IT Courses
Kayeleigh Sharp, Belle Woodward, Nancy Martin

Teaching Adversarial Machine Learning: Educating the Next Generation of Technical and Security Professionals
Collin Payne, Edward Glantz

Interpretable Deep Learning for University Dropout Prediction
Máté Baranyi, Marcell Nagy, Roland Molontay

1B: DATA SCIENCE/ANALYTICS
(8:00 – 9:30)
Mango Quality Grading using Deep Learning Technique: Perspectives from Agriculture and Food Industry
Varsha Bhole, Arun Kumar

Analytics Prevalent Undergraduate IT Program
Jai Kang, Qi Yu, Edward P. Holden, Erik Golen, Michael McQuaid

Benefits and Pitfalls of Jupyter Notebooks in the Classroom
Jeremiah Johnson

1C: WORK IN PROGRESS
(8:00 – 9:30)
The Adaptation, Issues, and Challenges of Wearable Healthcare Technology for the Elderly
Chi Zhang, Hossain Shahriar

Understanding Barriers and Motivations of Non-Traditional Students Learning Programming in an Online CS1 Course
Farzana Rahman

Blockchain-based Learning Credential Revision and Revocation Method
Aye Mi San, Noppon Chotikakamthorn, Chanboon Sathitwiwiyawong

Agro-Al Education: Artificial Intelligence for Future Farmers
Donovan Orn, Lian Duan, Yi Liang, Harvey Siy, Mahadevan Subramaniam

Do You See What I See? The Use of Visual Passwords for Authentication
Marc Dupuis, Jaynie Shorb, James Walker, Fred B. Holt, Michael McIntosh

An Initial Survey of Deaf and Hard-of-Hearing Student Use of a Composite Screen Solution Utilizing Web Conferencing Software
Elissa Weeden, Sharon Mason

VIRTUAL NETWORKING BREAK AND CONFERENCE SUPPORTER SPOTLIGHT
(9:30 – 10:00)
Jona Van Deun
NE Tech Collab – Start @ 9:45
2A: BROADENING PARTICIPATION IN COMPUTING 1
(10:00 – 11:30)
In Pursuit of CS-based Educational Content Suitable for Broader Audiences
Victor Winter, Judith Diaz-Kelsey

Exploring Mobile Learning - Engaging Students where they are
Paul VanVliet

Observing the Impact of Online Outreach Versus Face to Face Outreach
Anca Doloc-Mihu, Cindy Robertson

2B: BROADENING PARTICIPATION IN COMPUTING 2
(10:00 – 11:30)
Do Badges Increase Student Engagement and Motivation?
Darina Dicheva, Rebecca Caldwell, Breonte Guy

Gendered Performance Differences in Information Technology Courses
Rebekah Michael, Hazem Said

Evaluating Student Participation in Undergraduate Information Technology Programs in the U.S.
Mihaela Sabin, Stuart Zweben, Lunt Barry, Rajendra K. Raj

2C: EXPERIENTIAL LEARNING
(10:00 – 11:30)
A Sprint-Based Approach to Teaching Computer Science
Brian Ricks

Successful Undergraduate-level Experiential Learning Projects: : A Stakeholder Perspective
Margaret Hall, April Goettle, Connor Carson, Jess Collicott, Kim Dietz, Kip Smith

More Fun Than Ought to be Graded: Assuring Student Learning in Study Abroad Programs
Margaret Hall, Ann Fruhling, Christian Haas

VIRTUAL NETWORKING BREAK
(11:30 – 12:15)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos

3: KEYNOTE TALK 1
(12:15 – 13:30)
Leading with Curiosity, Passion and Integrity
Steve Kaniewski

VIRTUAL NETWORKING BREAK
(13:30 – 14:00)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos

4A: GENERAL IT EDUCATION
(14:00 – 15:30)
A Profile of SIGITE/RIIT Authors, 2nd Ed.
Lunt Barry, Dan Bogard

The Evolution of Computing Degrees: Tracking ABET Accredited Undergraduate Disciplines over Time
Derek Hansen, Aatish Neupane, Richard Helps

SIGITE and SIGCSE Symposia: A Comparative Study
Yong Zheng

4B: IT CURRICULUM DESIGN 1
(14:00 – 15:30)
An Academic Profile of IT Program Leadership in the U.S.
Nancy Martin

Collaboration to Create an IT Bachelor’s Degree: Bachelor of Applied Science in Web Design and Development
Scott Dawson, Diane Roux

An Interdisciplinary Collaboration Enhances Education in Both Disciplines and Generates Future Opportunities
Wei Jin, Ying Guo, David Marshall, Garrett Brown

4C: PANEL 1
(14:00 – 15:30)
Debugging the Gender Gap: (Re-)entry Initiatives in Emerging Technologies for Women
Elodie Billionniere, Farzana Rahmansy, Brandeis Marshall, Tami Forman
VIRTUAL NETWORKING BREAK
(15:30 – 16:00)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos

5A: IT CURRICULUM DESIGN 2
(16:00 – 17:30)
Implementing the IT-Transfer2020 Curriculum Guidance for Two-Year IT Transfer Programs
Markus Geissler, Mihaela Sabin, Cara Tang

The study of the classic producer-consumer problem in a series of IT courses
Ying Luo, Xianping Wang

A Theory-Based Course Development Framework: A Case Study
Zhigang Li, Meng Han, Xin Tian, Jing He

5B: CLASSROOM ASSESSMENT 1
(16:00 – 17:30)
On Validity of Sentiment Analysis Scores and Development of Classification Model for Student-Lecturer Comments Using Weight-based Approach and Deep Learning
Ochilbek Rakhmanov

Understanding Students’ Identification and Use of Patterns While Writing SQL Queries
Zahra Hatami, Peter Wolcott

A Multi-Dimensional Assessment Model and Its Application in E-learning Courses of Computer Science
Jiwen Luo, Feng Lu, Tao Wang

5C: PROJECT-BASED LEARNING
(16:00 – 17:30)
Teaching Flooding Attack to the SDN Data Plane with POGIL
Hanan Alshaher, Xiaohong Yuan, Sajad Khorsandroo

Open Challenges as a Way to Engage Students: an Experience Report from Three Undergraduate Courses
Giovanni Vincenti

Improving Critical Thinking in Software Development via Interdisciplinary Projects at a Most Diverse College
Cengiz Günay, Anca Doloc-Mihu, Rahaf Barakat, Thomas Gluick, Catherine A. Moore

VIRTUAL WELCOME RECEPTION
(17:30 – 18:30)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos

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TAKE THE FIRST STEP TOWARD YOUR NEW CAREER.
6A: BIG IDEAS IN IT EDUCATION
(8:00 – 9:30)
Outreach, Inreach, and The Age of Reason:
Technology Education for a New Age of Learning
Patrick Seeling

Technical Communication Course: What do we want?
What do students need?
Diane Shichtman

Updating OER Materials in IT Courses: Sharing the Fun and Fulfillment with Students while Sending the Workload to Automation
Richard Halstead-Nussloch

Smart City Concepts Cloud-Based Learning Platform for Undergraduate IT Students
Paul-Marie Moulema Doualo, Sriharsha Mallapuram

Fill Students’ Knowledge Gap by Recommending Remedial Learning Materials
Yong Zheng

6B: MODELS FOR ONLINE IT EDUCATION
(8:00 – 9:30)
Challenges and Strategies for Online Teaching in Information Technology and Other Computing Programs
Nick Rahimi, Nancy Martin

A Case Study in Comparative Speech-to-Text Libraries for use in Transcript Generation for Online Education Recordings
Pablo Angel Alvarez Fernandez, Jeremy Hajek

A Novel Approach for Embedding and Traversing Problems in Serious Games
Abhishek Parakh, Mahadevan Subramaniam, Parvathi Chundi, Elliott Ostler

6C: K-12 TEACHING
(8:00 – 9:30)
Interactive Visualizations to Introduce Data Science for High School Students
Siddharth Chittora, Anna Baynes

P12 Computing in Italy, England and Alabama, USA
Francesco Maiorana, Andrew Csizmadia, Gretchen Richards

Evaluating the Effectiveness of a Coding Camp through the Analysis of a Follow-up Project
Ilenia Fronza, Luis Corral, Claus Pohl, Gennaro Iaccarino

7: KEYNOTE TALK 2
(10:30 – 11:30)
Building Machines that Empower Humans: How a Purpose Guided my Career rather than a Plan
Maria Telleria

VIRTUAL NETWORKING BREAK
(11:30 – 12:00)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos
8A: CLASSROOM ASSESSMENT 2  
(12:00 – 13:30)  
Exploring the Use of XPath Queries for Automated Assessment of Student Web Development Projects  
Russell Thackston

Assistance of Student by Web Services based on Annotations  
Omar Mazhoud, Anis Kalboussi, Ahmed Hadj Kacem

Affordable Proctoring Method for Ad-hoc Off-campus Exams  
Nopporn Chotikakamthorn, Supawan Tassanaprasert

8B: COVID-19 AND IT EDUCATION 1  
(12:00 – 13:30)  
USB Linux: An IT Lab Instruction Tool During COVID-19  
Jeremy Diederich, Xianping Wang, Niharika Dayyala, Sundeep Inti, Ying Luo

The New Post-Pandemic Normal of College Traditions  
Edward Glantz, Chris Gamrat

Using the Pandemic as a Case Study: Teaching Social and Ethical Issues  
Diane Shichtman

8C: PANEL 2  
(12:00 – 13:30)  
What COVID-19 is Teaching Professors: Pandemic-Level Changes in our Classrooms  
Hollis Greenberg, Dan Bogard, C. Derrick Huang, Tim Preuss, Cara Tang

9i: POSTER MINI-SESSION 1  
(14:00 – 14:30)  
Learn Regex: A Novel Tool for Learning Regular Expressions  
Julie Smith

Switching to Stay Home Instruction: Impacts of the Coronavirus Pandemic on Learner Performance for an Introductory Computer Science Course  
Patrick Seeling

A Comparison of Tools and Libraries for In-Class Face Detection and Emotion Recognition  
Alejandro Susillo Ridao, Yong Zheng

Cultivating Next Generation Emerging Technology Workforce through Academia-Industry Partnerships  
Farzana Rahman, Elodie Billionniere

Underrepresented Students' Confidence in Information Technology Content Areas  
Alan Franklin, Viloshakumaran Veeramani, Malinda Suprise, Belle Woodward

9ii: POSTER MINI-SESSION 2  
(14:30 – 15:00)  
ARGOS: A Platform for Student Engagement  
Juan Pablo Soto Medico, Karl-Heinz Gilbert-Wason, William Hyland, John Manlucu, Osman Martinez, Larysa Paliashchuk, Eric Ra, Giovanni Vincenti

Teaching from Home: Network Support Perspectives  
Jianping Pan

Managing Controlled Unclassified Information (CUI) in Research Institutions  
Baijian Yang, Carolyn Ellis, Preston Smith

Online Education and the "New Normal"  
David Drohan, Eamonn deLeastar, Patrick Seeling

An Examination of Regional Tech Meetups Found on Meetup.com  
Russel McMahon

VIRTUAL NETWORKING BREAK  
(13:30 – 14:00)

Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos
9iii: POSTER MINI-SESSION 3
(15:00 – 15:30)
Toward Designing an Intervention for Cyber-bullying
Shubhangi Lal, Annu Prabhakar

Perceptions, Effectiveness, and Impact of a Dual Enrollment Cybersecurity Course
Sandra Gorka, Alicia McNett, Jacob R Miller, Bradley M. Webb

QWiki: A Collaborative Space to Mine Feedback for MOOCs
Simran Setia, S.R.S. Iyengar, Abhishek Agarwal

Enhancing CSS Instruction with Objective Typography
Karl Stolley

William Crowe, Tae Oh

VIRTUAL NETWORKING BREAK
(15:30 – 16:00)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos

10A: COVID-19 AND IT EDUCATION 2
(16:00 – 17:30)
Lessons Learned from Teaching Cybersecurity Courses During Covid-19
Yan Bai, Chunming Gao, Bryan Goda

"I Lost Track of Things": Student Experiences of Remote Learning in the Covid-19 Pandemic
Chola Chhetri

Conducting "In-Person" Research During a Pandemic
Marc Dupuis, Karen Renaud

10B: CYBERSECURITY EDUCATION 1
(16:00 – 17:30)
Teaching Web-Attacks on a Raspberry Pi Cyber Range
Sang Oh, Nathaniel Stickney, Daniel Hawthorne, Suzanne J. Matthews

Developing an Undergraduate Course Curriculum for Ethical Hacking
Yang Wang, Margaret McCoey, Qian Hu

Cross-Boundary Cyber Education Design
Edward Glantz, Michael Bartolacci, Mahđi Nasereddin, David Fusco

10C: WORKSHOP 1
(16:00 – 17:30)
Your Web TA: Automated Assessment of Student Web Development Projects
Russell Thackston

VIRTUAL HANGOUT (HAPPY HOUR)
(17:30 – 18:30)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos

https://careers.conagrabrands.com/
11i: POSTER MINI-SESSION 4
(8:00 – 8:30)
An Interdisciplinary Approach for Teaching Artificial Intelligence to Computer Science Students
Anoop Mishra, Harvey Siy

A Novel Framework for Collaborated IT Project with the Consideration of Data Security and Privacy
Meng Han, Lei Li, Ying Xie

AI-Driven Contextual Virtual Teaching Assistant Using RASA
Gaurav Shekhar, Rhea D’Souza, Kevin Fernandes

Clickthrough Testing for Real-World Phishing Simulations
Marc Dupuis, Samantha Smith

Ride-Share Analysis in Boston City: A Comparison Between Uber and Lyft
Vih Dogo, Khushboo Garg, Yong Zheng

Predictive Staffing Model for Transit Security
Yong Zheng, Shubham Madke, Vih Modeste Dogo, Yash Agrawal

11ii: TEACHER EXPERIENCE MINI-SESSION
(8:30 – 9:00)
Filling an Educational Void with Spatial Thinking in the Online Age of Pandemics
Kate Sherwin, Victor Winter

Promoting Teaching Practices in IT Higher Education
Sanaa Kaddoura, Rima Grati

Student-To-Workforce Pipeline: Are Your Faculties’ Future Cloudy?
Elodie Billionniere, Lawrence Meyer

Early Information Technology Program High School Teachers’ Training and Continual Professional Development
Jen Fritz, Selena Ramanayake, Tracy Collins

VIRTUAL NETWORKING BREAK AND CONFERENCE SUPPORTER SPOTLIGHT
(9:30 – 10:00)
Conagra Brands & Blue Cross Blue Shield of Nebraska - Start @ 9:45

12: KEYNOTE TALK 3
(10:30 – 11:30)
"Systemic Change in IT Education: Frameworks and Stories from the Field"
Lecia Baker

VIRTUAL NETWORKING BREAK
(11:30 – 12:00)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos

13A: SPONSORED WORKSHOP
(12:00 – 13:30)
Prospect Press

13B: WORKSHOP 1
(12:00 – 13:30)
Instructor led training and Certification - ITIL V4 Foundation
Gaurav Shekhar

13C: PANEL 3
(12:00 – 13:30)
New ABET Information Technology Program Criteria: The 5 W’s Questions
Jim Leone, Sandra Gorka, Scott Murray, Mihaela Sabin

VIRTUAL CONFERENCE SUPPORTER SPOTLIGHT
(13:30 – 14:00)
First National Bank of Omaha
14A: PROJECT MANAGEMENT AND TECHNOLOGY ADOPTION
(14:00 – 15:30)
Continuous Planning and Forecasting Framework (CPFF) for Agile Project Management: Overcoming the "Agilefall"-Budgeting Trap
Thomas Dilger, Christian Ploder, Wolfgang Haas, Pascal Schättle, Reinhard Bernsteiner

ITEval: A Framework for Information Technology Evaluation
Xinli Wang, Mostafa El-Said, Paul M. Leidig

A Framework for Applying Educational Psychology Principles to the Design and Assessment of Learning Technology
Sariah Lopez-Fierro, Andrea Vasquez

14B: SOFTWARE ENGINEERING EDUCATION
(14:00 – 15:30)
Improving Student Success through an Articulation Program in Software Engineering
James Philips, Nathaniel Fenwick, Storm Davis, Nasseh Tabrizi

Four Heads Are Better Than One: Using Team-Based Learning to Learn Database Technology
Alanah Mitchell

The Necessity of Interdisciplinary Software Development for Building Viable Research Platforms: Case Study in Automated Drug Delivery in Diabetes
Jeremy Hajek, Mudassir Rashid, Mert Sevil, Ali Cinar, Pablo Angel Alvarez Fernandez, Dhiraj Jain

14C: CYBERSECURITY EDUCATION 2
(14:00 – 15:30)
Integrated Cybersecurity Plus Robotics Lesson Using NAO
Ankur Chattopadhyay, Mohammad Azhar, Thomas Everson, Robert Ruska Jr.

CryptoTutor: Teaching Secure Coding Practices through Misuse Pattern Detection
Larry Singleton, Rui Zhao, Myoungkyu Song, Harvey Siy

VIRTUAL NETWORKING BREAK
(15:30 – 16:00)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos

15A: CYBERSECURITY EDUCATION 3
(16:00 – 17:30)
A Cybersecurity Course for Everyone
Sandra Gorka, Alicia McNett, Jacob R Miller, Bradley M. Webb

DomainPKI: Domain Aware Certificate Management
Xinli Wang, Mostafa El-Said

A NERD DOGMA: Introducing CTF to Non-expert Audience
Gabriele Costa, Martina Lualdi, Marina Ribaudo, Andrea Valenza

15B: WORKSHOP 3
(16:00 – 17:30)
The Kessel Run - A Gamification of Visual, Spatial, and Computational Thinking
Victor Winter, Kate Sherwin

15C: WORKSHOP 2
(16:00 – 17:30)
Using Creative Problem Solving and Applied Improvisation Techniques to Improve Soft Skills
Russel McMahon

CLOSING AND THANKS
(17:30 – 18:30)
Deepak Khazanchi, Harvey Siy, Tenace Kwako Setor, George Grispos

SIGITE BOARD MEETING AND DEBRIEF
18:00 - 19:30
Barry Lunt, Harvey Siy, Deepak Khazanchi, Tenace Kwako Setor
WORKSHOP 4

(8:00 – 17:00)

Instructor led training and Certification

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SATURDAY OCTOBER 10
Nebraska Tech Collaborative
An Aksarben workforce initiative.

What makes the Nebraska Tech Collaborative (NTC) different than other efforts: We’re a business led collaborative (business, government, education, & non-profit partners) working to develop, retain and attract tech talent and entrepreneurs to Nebraska.

The NTC is committed to achieving these goals across the state by 2025:

**Grow Tech Talent Workers**
by 10,000 by 2025

**Create Start-ups**
Increase new technology companies by 300

**Improve Diversity**
40% female / 20% underrepresented groups

**Increase Nebraska’s Tech Profile**
Increase social awareness about the tech landscape across the state

For more information and for the latest news from the NTC, visit our website and follow us on social.

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If you’d like to schedule an appointment to meet with a representative, visit [CIST.UNO.MAHA.EDU/ADVISING]