Energize Student Resumes With Non-Traditional Approaches

2018 Virginia Cybersecurity Education Conference

JMU-ISAT Room 1448

Session: 10:30a – 11:15a

Dr. Henry Coffman
Dr. Melissa Stange

Let's Talk About Resume Energizing With….

- Individual and Team Competitions
- Internships and Partnerships
- Course Projects
- Clubs and Associations
- Community Service and Outreach

"Learning is not the product of teaching. Learning is the product of the activity of learners." - John Holt

LFCC Computer Science & Cybersecurity

Computer Science

- Associates of Science Specialization
- Career Studies Certificate
- CBE Options
- ACM
- National Center for Women in Technology
- CSforALL Consortium
- IEEE

Cybersecurity

- Associate of Applied Science in IST with a Cybersecurity Concentration
- Career Studies Certificate
- Associate of Applied Science in Cybersecurity
- Center for Academic Excellence in Cyber Defense 2YR (CAE2Y)
- Virginia Cyber Range/VCCS CSEB

Individual & Team Competitions

- Demonstration of Applied Learning Skills
  - Creative Thinking/Problem Analysis
  - Data Analysis and Retrieval
  - Formulation of Variables and Solutions
  - Effective Application of Technology
  - Individual and Team Application
- Implementation of Soft Skills
  - Collaboration of skills mix (delineation of work)
  - Team Building Framework
  - All for One and One for All

Internships and Partnerships

- Experience in the field
- Increased Technical Knowledge and Application of Methodologies
- Brainstorming and Creative Thinking
- Soft Skills Improvement
- Real World Guidance and Networking
- Mentoring to Others
  - Passing Learned Experiences to Students

HARVEY

LFCC Student
Cybersecurity

Harvey gained valuable experience through an internship with LFCC partner, Shentel.

"If you have an interest in computers and you love to solve – and sometimes create – problems, it's the field for you."

Full Video on Youtube at: https://youtu.be/q47dJAbzEtw

Real Course Projects

ERIK

Mama Roo

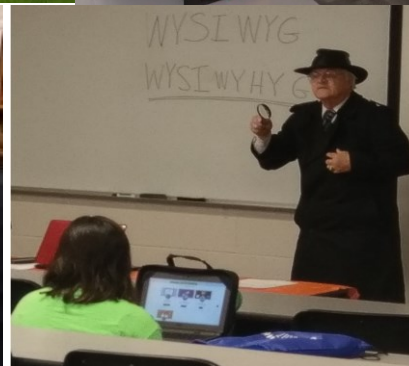At the end, a scolding Mama Roo comes into the animation. After getting after the Joeys' she thanks the user for all of their help.

Exigence

Associations

- Learning through Networking with Others
- Community Outreach
  - Sponsored & Participant of Events
  - Learning Experiences
- Educational Outreach
  - Program Marketing
  - Offer of Assistance and Reasoning
- Organizational Management and Collaboration
  - Soft Skills
  - Leadership
- Professional/Non-Professional Associations

Community Service and Outreach

How Is The Resume Energized?

- Professional References
- Experience
- Soft Skills
- Community Service
- Awards & Recognitions
- Publications
- Presentations

Dr. Henry J. Coffman, CISSP

Lord Fairfax Community College

Professor of Cybersecurity

hcoffman@lfcc.edu

Dr. Melissa C. Stange

Lord Fairfax Community College

Professor of Computer Science

mstange@lfcc.edu