National Business and Industry Leadership Team (BILT)
Meeting for Networking and Convergence Technology

August 13, 2019

Rules of Engagement

* Mute your phone if you’re not talking – on Zoom, that’s *6.

* You have to pick an audio channel – you can’t listen on your phone and also listen through your computer. That creates an echo and you will be muted.

* Do not put us on hold – we prefer to not hear your hold music.

* Feel free to speak up, but always say your name so everyone knows who’s speaking.

* We’ll be monitoring the Zoom “Chat” tool for questions (it may be closed by default). Send your chat comments and questions to the Host. Do not send messages to us via e-mail.

>>To maximize our time with the BILT, we encourage CCN educators to use the chat box for questions and comments.

* If you’re having trouble calling in via your computer, hang up and try connecting with a phone.
AGENDA

Welcome and roll call
Trends
Status of KSA revision
Grant project updates
Recap Working Connections and HITEC
LinkedIn polls

Welcome and roll call
Trends

Status of KSA revision

Infrastructure KSA meetings
* Frisco, May 14
* Jacksonville, July 17
* Houston, June 25
* Seattle, Aug 14

61 Ks, 25 Ss, 15 As, 29 Ts
Possible follow-up survey
ITSS project

"Infrastructure" cluster meetings ending
Summarize, validate, disseminate

Next: “Tech Support” cluster
September 17, San Jose CA
September 25, Frisco

After that: “Project Management”

2020: the two “Data” clusters

Summer Working Connections

53 attendees (record for Jacksonville)
28 schools
Three tracks
• AWS Cloud Foundations
• Python
• Leadership Academy
Summer Working Connections

104 attendees
51 schools
Six tracks
  • AWS Cloud Foundations (2)
  • Big Data Visualization
  • Bitcoin and Blockchain
  • Cyber Buffet
  • Hybrid Cloud Architecture
  • Preparing to Teach IoT
Lunch programs – IBM, NetApp, AWS, plus a BILT panel
NetApp: giveaways, evening mixer
Summer Working Connections

94% of attendees made new connections
77% grew/maintained connections from previous WCs

How frequently does your BILT meet?
- Once a year, 30% (n=103)
- Twice a year, 40%
- Three times a year, 11%
- Four or more, 7%

Is there a forum for your BILT to discuss job skills?
- 51% yes, 24% somewhat, 17% no

Does your BILT vote to prioritize job skills?
- 26% yes, 26% sometimes, 30% no
HITEC

Pre-conference workshop – free labs
23 attendees

IT program mixer – four Lightning Rounds
30 attendees – business & educators

BILT panel session (6 BILT members)
30+ attendees

“Innovative Program Award” – BILT model

Exhibit hall booth
Two student posters (Collin and Sinclair)
Portfolios

Initial implementation spring 2019 – five partner schools
Using Louise Kowalski’s LinkedIn and portfolio exercises (SUNY Erie CC – CCN school)

Surveyed 62 portfolio students, 136 control students
- Portfolio students valued the work and reported higher confidence in LinkedIn/portfolio preparedness than control students
- Majority did not find it overly challenging

June 11 faculty focus group to improve practices for fall 2019
Many are expanding exercises and portfolio implements into other classes
Plan to check LinkedIn December 2019 to compare hiring rates

Portfolios

Sunday July 7 CCN meeting survey

Do you encourage your students to create a LinkedIn profile?
2019 – yes required 26%, yes encouraged 49%, no 26%
2018 – yes required 3%, yes encouraged 48%, no 50%

Do you encourage your students to create portfolios of their group project work?
2019 – yes 59%, maybe 15%, no 21%, we will now 5%
2018 – yes 42%, maybe 15%, no 30%, we will now 12%
LinkedIn poll responses

BILT members, what are some of the most important things a new graduate should consider when starting a job search and preparing for an interview?

>>It is important that they update their LinkedIn profile and connect with as many professionals in the chosen field that they want to pursue. In addition, it is important to research the companies they want to work out before a job interview and have a few prepared questions to ask.

LinkedIn poll responses

Educators, how are you teaching cloud computing concepts?

>>At Georgia Southern University, we start in our intro by requiring building in the AWS cloud. Using the cloud and then talking about the implications after helps give students context. This approach comes throughout the curriculum and is not in just one course.

>>We are in the process of revamping our storage mgmt/virtualization class to include AWS and possibly Cloud Essentials.

>>In my Cloud Computing class, students build cloud infrastructures in groups including a SAN device with RAID and VMWare hosts. They are also introduced to MS Hyper-V and AWS Cloud services. This fall we are offering a new AWS Cloud Administration class to help prepare them for Cloud Practitioner and Architect Associate certs.
LinkedIn poll responses

BILT members, what are the most important cloud computing concepts or skills you would hope a student is learning today?

>>Important cloud skills:
- Cloud Identity Management
- API development/interoperability
- Configuration Management Software and Dev Automation - e.g. Puppet, Chef, Jenkins, etc.
- Multi-Cloud management
- Cloud Data Lifecycle Management

LinkedIn poll responses

Educators, aside from our regular BILT meetings, do you have a strategy for trying to stay current on IT trends?

>>Flipboard is an excellent app to gather specific content. Also Wired and Bloomberg Businessweek are the only two magazines I still subscribe to.

>>Every community has technology MeetUps that are very helpful with learning new trends. Some interesting podcasts include: Accidental Tech Podcast, Clockwise, Back to Work, This Week in Tech, This is Only a Test, The Vergecast, and Tech News Weekly are some of the many really great podcasts.

>>I’ve taken 23 or so classes while teaching in IT over the past 21 years. I also challenge students to bring in anything new to class so we can all learn and see what is happening in the field. You must have a willingness to learn in IT - to force yourself - try to do a new industry certification.
LinkedIn poll responses

Topics since our last web meeting in February:

- Staying current on IT trends (March)
- “Success stories” – how BILT engagement led to program/classroom impact (April)
- Cloud computing concepts – what are they, how do you teach them? (May)
- Best practices for graduates entering the workforce (June)

https://www.linkedin.com/groups/5106773/

Thank you!

Next BILT meeting
Tuesday, November 19, 2019
8:30am-10:00am Central

CCN, if you missed the opening roll call please send your name/school to us via the Zoom chat box

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