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| **Break Out Session Name: Computer Information Systems (CIS) – Programming & Computer Information Systems (CIS) Cyber Security** |
| **Date: May 1, 2019 Industry Contacts** |
| Name & PositionAvi Nair cyber programs  | Name & PositionRobert Cyber security auditingGail Caros |
| Name & PositionDr. Kasey Nguyen Professor MVC | Name & PositionJahi Garner Teaching cyber security Palm Middle School |
| Name & PositionJimmy Tran Behavior health | Name & PositionSteve Breeches Elevation technology teach IBM |
| **Advisory Questions for Industry** |
| What foundational/technical skills are necessary for entry level positons within your industry? Entry level solid understanding of programming in Windows, iOS, Linux, office 365, IBS, and internships offered. Malware etc, clean background lifescan, no redflags on the record limited options for job ethical, high profile sensitive material must require clean record. iBM business degree, duke university coder intern but business administration. Cloud python skills, uber, netace, IOT, skills are relevant. How to secure IOT? Soft skills, ID host design human center, interface, speak, proper writing and basic skills needed. Basic networking, shadow, self- moving and motivator, train together with customer. Smart hand, intern to apprentice should have basic abilities, lab will be training facility. |
| What skills/knowledge is being required of new employees to address the latest trends in technology, equipment, regulations, laws, etc.? Wi-fi security course, |
| What skills or practices have become obsolete in your industry due to changes in technology, equipment, regulations, laws, etc.?Hardware skills are not needed as much, most are technological, fundamentals, do not go away. Technology changes so much. Old technology comes back . 80% have not migrated to cloud in US. OS-2 tech still might be running.  |
| What types of training, education, certifications, or credentials are desirable for entry-level positions in your industry?Auditors are asking for law files knowledge. Compliance , ethical hacking,  |
| What interpersonal skills are most important in your industry?Have basic writing skills and proper language aside from having basic computer knowledge. |
| To give students/graduates an advantage, what needs to be added into our program to get them hired?Industry certifications , California Consumer Privacy Act, Compliance and PrivacyAs a continual support of California Community College’s online education initiative, online courses and cloud-based training will be available for students in computer programming and cybersecurity disciplines, what are your recommendations for online education and cloud-based training? |