IT Advisory Board Meeting
April 6, 2016
8:00AM – 9:30AM
Kopiko 102 – 103

Introduction
Hal
Dr. Leon Richards
David - Hawaii Electric
Paul – UH IT
Lisa – Girl Scouts
City and County
Randy
David Lopez
Calvin - Accounting Coordinator
Leila - State of Hawaii enterprise manager
Jeff - Hotels and Resorts
Doreen Nozawa - Servco
Alvin - Servco
Todd
Helena - HMSA
Jim
Steve Singer
Tom Moore – KCC Instructor
Dave – Cyber Security

Dr. Richards Welcoming – Chancellor

Hal – Program Changes
        Expanding in Cyber Security
                Cert Achievement – Cyber Security
                Cert Competence – Cyber Security
        Application for CAE in Cyber Security
        Effective Fall 2016 – Transfer from AS to Bachelors ISA at UHWO
        Expand Certification Testing Center

What are the current/emerging skills you're looking for?

Student Competition
Virtual Environment to simulate "virtual attacks."
Two teams from KCC competed CCDC. Third Place.
National Cyber League

What's new?
Interviewing Candidates
How deep are you guys going into OS security?
Gaps in fundamental practices. Simple command lines. Cyber security perspective.
Candidates know how to use applications, but missing fundamentals.

Need fundamental troubleshooting skills.
Skills in project management. Need to connect the bridge between IT and Business.
Need someplace to land to practice fundamental skills right after college.
On the job training can be expected. Aptitude and desire to learn is ideal.

What OS are incorporated into the program?
A+ Class that covers OS installation/Maintenance.
No Linux course. But there is some exposure
No iOS.
Students need more command line exposure

Software Development/System Analyst
Fill the gap between technical concepts and business users.
Understanding the needs of the client.
Room to improve critical thinking skills/troubleshooting skills.
        Potential to cut down on the training burden.
Improve communication skill with the business user/client.
Strive for user friendly applications.
IQ vs EQ – incorporate design thinking.

There's a gap between technical skills and business. Those who can bridge the gap tend to be successful.
Learn the business.

Transition from calling someone for help to seeking for your own solution through the internet.

Experience needs to come eventually.
Willingness to learn.
Ability to work with a team/others. Customer services skills can be improved.
Ability to adapt to changes.

Seeking candidates with experience cloud infrastructure.

At one point, 78 IT job openings in the state.

What certifications are you seeking?
Prefer experience over certifications
"People" skills.
If certification is listed in their resume, they may have a call back to test their skills.
        Certifications may not necessarily = experience.
Cisco Certifications.
Security Certifications.
Network+, Security+, CISSPD = desired for entry level positions for cyber security.
Many candidates forget material after cert exams. Concepts need to be retained in the mind.
Hiring process - Transitioning from Degree/Experience requirement to only Certifications.
Database skills   -desire for database development skills > database administration
                -Security. Modular code. Understand the infrastructure. Transitioning data from
                multiple sources.
Developer/Data Analytics > DBA

Understand how to transition Business Model to a Data Model.
Data Analytics is a growing field in IT.

Open Door Enrollment.
Outreach programs – middle schools, high schools, and veterans.
What are ways to encourage gender diversity in the work field?