

CTE Notes 5/1/15-Arom DeGraca

Glen Payne: job trends- new technology related to websites, artificial technology was another one that he mentioned. Traveling Salesman problem. Never Stop Learning was his advice to us as students. He also suggested to us to take business classes because a large part of being in the IT industry is entrepreneurial. One of his main talking points was learn more programming languages, and how to start a business. About Hot topics he said that students with technology degrees need to know past current and future technologies. He advocated breadth versus depth. For resumes and such he said that teachers should be aware of where students should go to get certain information related to job qualifications. Basically he spoke about teachers participating in career guidance. For employment he advocated a student's ability to entrepreneur themselves into job opportunities, he called this "Thinking like a business owner." For higher level technologies such as robotics he suggested that Norco College offer a survey course in different technologies in addition to the basics.

Nick Thorlson- job trends- One of the things that he mentioned was that a lot of websites do not have support for mobile devices such as cellphones. One of the things he advocated for was adobe illustrator over photo-shop for graphic design. For students one of the questions that Judy Perry asked was how much overlap was there between graphic design and web development. Nick explained that while he knows a bit about graphic design he defers to a graphic design artist at his company.

A representative from Booz Allen Hamilton, Richard Smith- He talked about cyber security and explained that the company was willing to teach students who have had a background in cyber

security. He also noted that the government is returning to cyber security. The skill he talked most about was penetration testing, When I asked about what certifications student need beside a 4 year degree, he said that some positions are open to students with an associate's degree and there are opportunities for students to complete a degree while gaining work experience however he wasn't exactly clear about what exactly the government is looking for in job applicants aside from the standard Comp Tia certifications. When asked about the hot topics in the industry, he said most everything is going to the Cloud and as far as Virtual and Augmented Reality the military is looking at it. A question posed to him by James Finley was how do professors at Norco teach students to be collaborative and what are the traits of potential team members. He expressed that being able to collaborate was a requirement, a second representative also said that in the real world the source code of programs are past between multiple programmers and that students must be able to document their work, their changes to the code, and effectively add to the code. As far as a resume he said that he looks higher than an associate's degree. He also expressed the need for a security clearance. For employment he advocated student networking inside the company they would like to work at. He placed the onus of finding a job and internship on a student's ability to network.

A Cal State San Bernardino representative in his words plugged his university when he talked about a program at his university, where students are paid 2300\$ a month to learn about cyber security. For resume's when talking recent graduates and the hiring practices at Raytheon, a company for which he worked, he said that students must have a security clearance and clean backgrounds to obtain security clearances. One thing he asked about was if Norco has a strong alumni association. He asked this because he got his first job from a school association.

Julie Holmes a high school representative - mentioned students needing to have business cards.

She also advocated teamwork and cooperation ability of students.