9/26/13

ICS 31

Professor Kay

-What are computer used for?

* Solve problems/calculations faster than people can
* Computing. Executing programs. Automation.
* Server /database management.
* Tool for making tools.
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* Enthusiastic system design and development (hacking)
* Storing information/organizing information
* Searching for information/Data mining
* Content creation: graphic art/still images, video, music, text,… animation/special effects. 3D objects.
* Recreation/gaming
* Making life easier
* Social networking
* Communication.
* Controlling experiments/Controlling machinery
* Biometrics.
* Prosthetics. Medical treatment/record-keeping.
* Artificial intelligence.
* Forensics: Use in the judicial system, analyzing evidence,…
* Geographic navigation.
* Education
* Security. Breaking security (hacking) – planting malware/viruses
* National security/Military.
* Space exploration.
* Commerce/Advertisements.
* Predicting, economic forecasts, earthquakes
* Simulation.

3 Advices

1. Don’t get spooked by people who can program.
2. You don’t need to be as good as them.
3. When the going gets tough, the tough gets help. **ASKKK**
4. **Three minute rule-** you don’t know what to do, *ASK.*
5. Read the syllabus