3.8 Student Presentations on Technology in Computer Science

Summary
Students present their research into a technology related to Computer Science that they have chosen.

Learning Objectives
After this class, students will be able to:
• Give an oral report on a research topic.

Materials
• A computer and projector for presentations are helpful, but not required.

Time
80 minutes

Procedure/Pacing
1. Students give their prepared presentations following the rubric below. Research and presentations may be done individually or in pairs of students.
   • Project/Technology description. Should be clear, complete (4)
   • Relationship to Computer Science. Should be a clear, well explained relationship (4)
   • Why project/technology is of interest to you. (4)
   • Description of how the project/technology is or will be used (4)
   • Benefit to society. If benefits are not obvious, explore the possible benefits (4)
   Total points possible = 20.
2. Students who are not presenting take notes on each presentation in their notebook including:
   • Presenter's Name
   • Brief description of the topic
   • Any questions they have for the presenter
   After each presentation there will be time for 3-5 questions. Each student must ask at least two questions during the class period.
In-Class Assignment
Assignment 3.8.1: Presentation Notes

Resources
Phys.org news articles on computer science http://phys.org/technology-news/computer-sciences/
IEEE Computer Society Computing Now magazine https://computingnow.computer.org/web/computingnow
University of Utah School of Computing News http://www.cs.utah.edu/soc-news/
See “News” section of any research university Computer Science website.

Homework
Catch up on programming worksheets as needed.