Toy Night 2008

Presenter	Idea	Description
Robert Duvall	Pointer Fun With Binky	Claymation video by Nick Parlante demo-ing pointer referencing and dereferencing (versions in several languages, including Java) http://cslibrary.stanford.edu/104/
Jim Huggins	Barrels of Monkeys	Great for linked lists; now available: "My First Barrel of Monkeys" (much larger, different colors) and key chains
Ria Galanos	Shannon Duvall's CSFairy Tale Stories	Dr. Seuss style story to help convey stacks and queues, etc. It changed her life!!! http://jonah.cs.elon.edu/sduvall2/CSFairyTales/Welcome.html
Leon Tabak	Calendar program	Introduction of the Gregorian calendar and writing programs for creating calendars
Don Blaheta	GW Version of Maze Project	Solving a maze using stacks or queues using the graphics capabilities of GridWorld
Barb Ericson	Media Computation	Course at Georgia Tech to teach computing concepts using media computation with Alice; also incorporates use of robots. http://coweb.cc.gatech.edu/mediaComp-plan/120 http://www.cc.gatech.edu/ice/
Jim Huggins	Google Videos for CS	Jon Bentley google video for QuickSort - http://www.skrenta.com/2007/10/beautiful_presentations_jon_be.html Java puzzlers video - http://video.google.com/videoplay?docid=9214177555401838409&q=java+puzzlers&ei=ktBJSLT6GaHQ4gL0lJSnDA&hl=en
Dave Reed	AP CS Resources	PPTs for past discussions, info on readings, etc. Neat programs: pirate translator, animation editor http:/dave-reed.com
Marsha Meredith	One Laptop Per Child	http://www.laptop.org/en/index.shtml
Leigh Ann Sudol	Developing problem-solving processes	Provide students with game program and have student develop player. Ex: Battleship (in GW)
Leigh Ann Sudol	JavaBat	Java practice problems by Nick Parlante. Students type in code, compile, and run. Runs program against many test cases, providing feedback on failing test cases. Teachers can set-up free account to track student progress. http://www.javabat.com/
Suzanne Menzel	Game Controller	USB port hook-up for Scratch
Rob Schultz	Wireless Slate	Inexpensive portable smart board
Luke Weisman Miratrix	Bot simulator	www.vzvz.org
Rob Schultz	Robocode	Post-AP exam activity http://robocode.sourceforge.net/
Tim DeClue	Pseudo Instant-Messaging Program	Using URL class, set-up pseudo-instant-messaging system by reading html page and writing, etc.
Rich Kick	New Game Ideas	Shinro - http://www.spiritmag.com/fun/pdf/shinro.pdf Picross (Jim Huggins) - http://webpicross.com/
Leigh Ann Sudol	Project Management Idea	Has students create "grant" application to propose & evaluate large programming project http://www.virtualcompsci.net/
Ria Galanos	Sorting role-play	Have students act out sorting algorithms
Robert Duvall	CS Unplugged	http://csunplugged.com/