



Have a Great TA?

CSE has an award for outstanding TAs
The Bob Bandes Award
www.cs.washington.edu/education/bandes.html
If your TA did great, vote!

Jason Dang was honorable mentioned last year!



Fluency

*Fluency has been a huge amount
of work ... have you learned
anything???*

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Goals of FIT100

FIT100 is designed to ...

- * Make you better users today
- * Prepare you to learn more IT as you need it through out your life
- * Upgrade your thinking, making you a better reasoner, problem solver, trouble-shooter, etc.

How have we done?



The Topic List ...

We covered the following topics

- * Importance of vocabulary: abstraction
- * Learning an app on your own: click/blaze
- * Basics of the Internet, domains, TCP/IP, ...
- * HTML programming: tags, tags, tags
- * Structuring information, queries, Google
- * Truth or Fiction? **Bogus Web Page**
- * Debugging guidelines ... how to do it



The Topic List ...

- * Digital representation -- using bits
- * Computer basics and SI technology
- * Algorithms -- sorting with pizza boxes
- * Programming ideas **Purple Concentrate**
- * Building a GUI in HTML/JavaScript
- * Functions -- biggest idea in software
- * Iteration, looping over & over & over &
- * Animation, making things happen



The Topic List ...

- * Problem solving, PERT charts, examples
- * JavaScript summary, and review
 - loops, prefetching, animation, mouseOver, functions, ...



Emoticons

Adding a smile to

Adding a wink to

Adding a heart to

Make!

Memory Bank

a convenient table of all the computations I can never remember

Tue Feb 17 17:18:33 2004

Celsius to Fahrenheit:	Celsius	Fahrenheit
Fahrenheit to Celsius:	Fahrenheit	Celsius
Binary Math tricks: 8*1024	1024	1024
Electronic Cash Flip	100	100
Pick A Random Number From 1 To	1000	1000

References: [...](#)

Classes: [...](#)

I'm 619256113 seconds old. What am I doing with my life?



The Topic List ...

- * Digital Media, colorizing, binary, MP3,
- * Database basics, operations on tables
- * Logical Databases -- views and queries
- * DB design chalk talk **SLAMA**
- * Netiquette, viruses, worms, email
- * Privacy -- opt-in/opt-out, you decide
- * Encryption, hiding secrets from every1
- * Do computers think? Turing tests
- * ... and today the wrap-up



Fluency Topics

Fluency topics can be classified as

- * Skills
- * Concepts
- * Capabilities



Skills

Skills are the ability to use computers today to solve your problems

- You have learned new applications ... FTP, Photoshop, Access, ...
- Better yet, you've learned how to learn applications: "Click Around," "Blaze Away"
- You should be an aggressive, confident user
- Could you learn your next application on your own?



Concepts

Concepts are the foundation of future learning ... you should be ready

- You know how the Internet's TCP/IP works (postcards), how a computer works (F/E cycle), how JavaScript makes animations
- And privacy, netiquette, writing queries, ...
- We don't know what the next technology will be, but it will look familiar to you because you'll see ideas you know

"Popularized" technology should be understandable



Capabilities

The most ambitious goal of this class is to expand your thinking

- Reasoning, debugging, finding information, designing pages or databases, problem solving, research, expecting unexpected,...
- It's not easy to learn these things ... was debugging ever fun???
- All capabilities will be used beyond IT!

By surviving FIT100, you've become a better student!



FIT Pioneers

Our experience in this class will make FIT100 better for UW students, and students across the world

When you do something clever because of FIT100, tell me: snyder@cs.washington.edu



And now the evaluation

We'll do course evaluation ...

- * It's voluntary, but I hope you do it
- * Two forms, white and **yellow**
- * Use #2 pencil to bubble in results
- * I need a volunteer to collect evals

I will leave ...