

# Welcome to USF Computer Science

Greg Benson (CS Chair)

August 21, 2006

The logo for the University of San Francisco Computer Science department. It features a light green rounded rectangle on the left containing the lowercase letters 'usf' in a blue sans-serif font. To the right of this rectangle, the letters 'CS' are written in a larger, light green sans-serif font.

usfCS

UNIVERSITY *of* SAN FRANCISCO  
department of computer science

# Today

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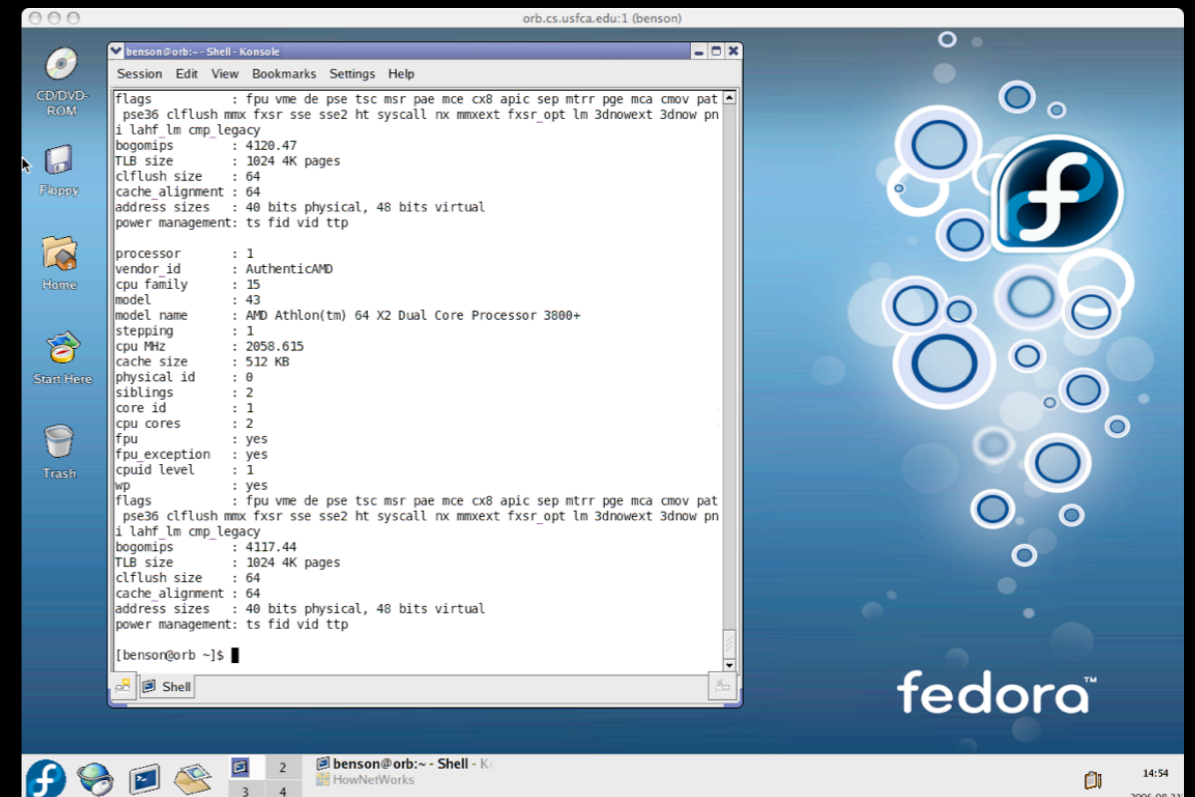
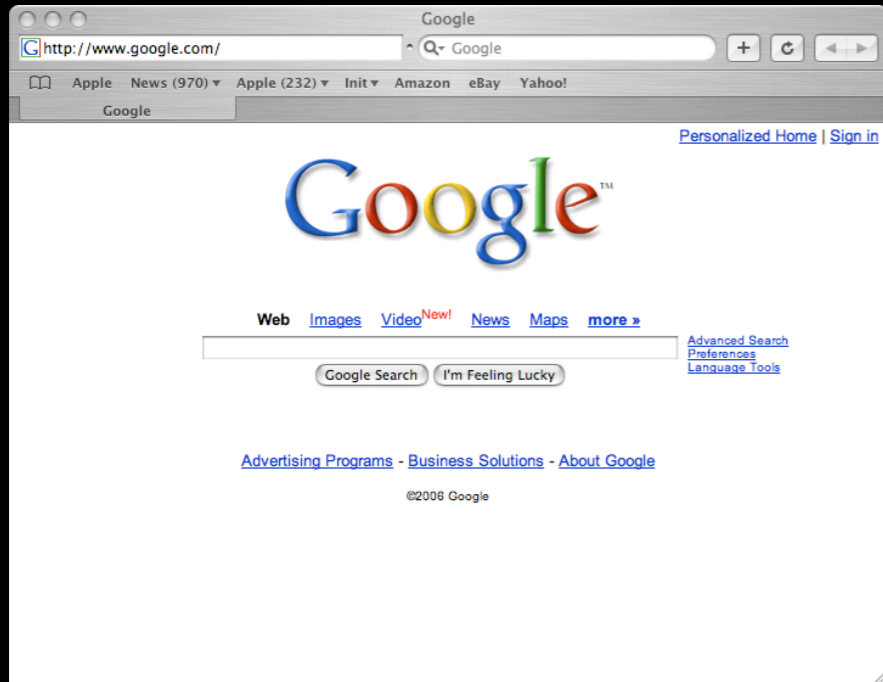
- ▶ Intro to the CS major and department
- ▶ PIZZA upstairs, tour of labs and offices
- ▶ Login to your CS account

# The CS Major

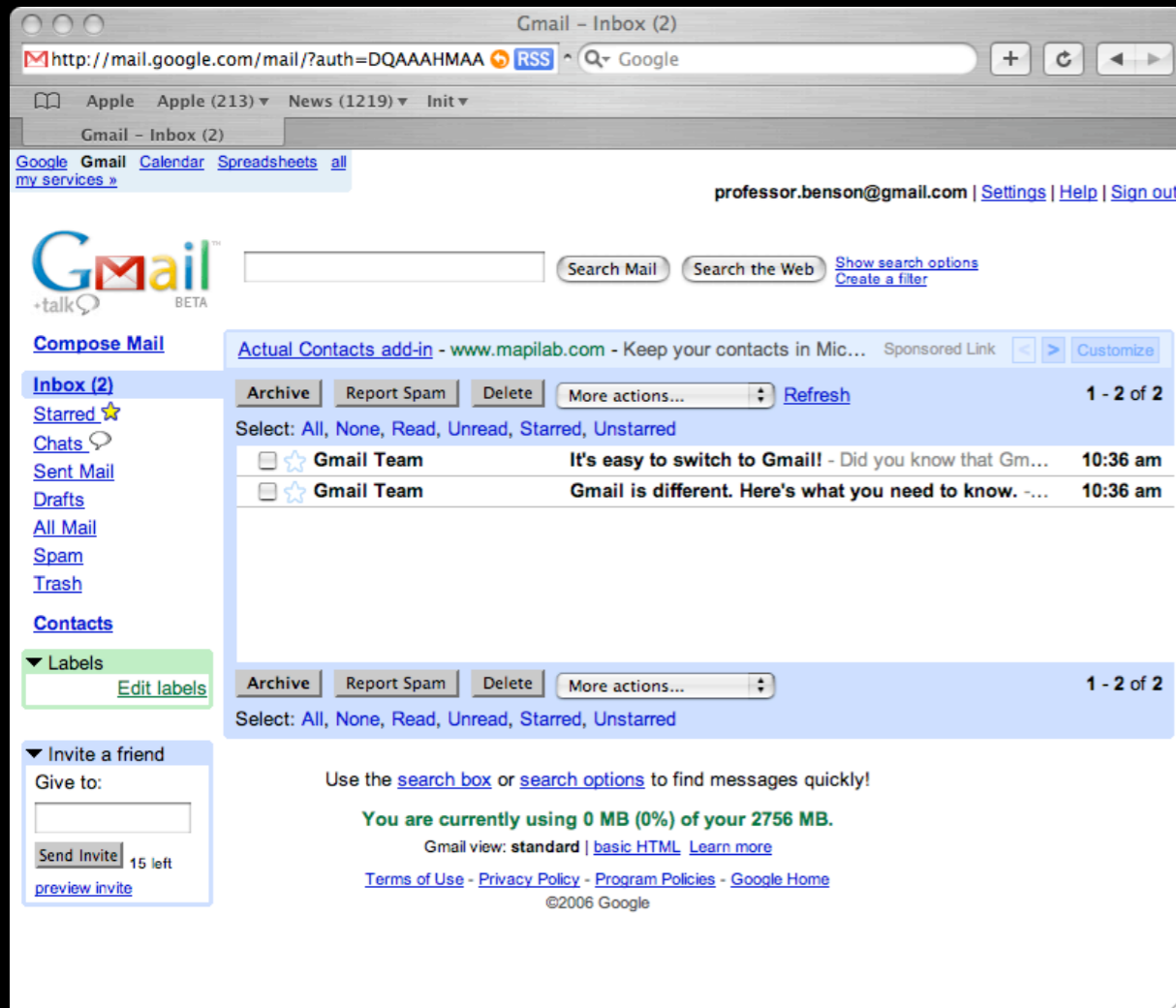
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- ▶ Program computers
- ▶ Solve problems
- ▶ Build real software
- ▶ Understand computer systems

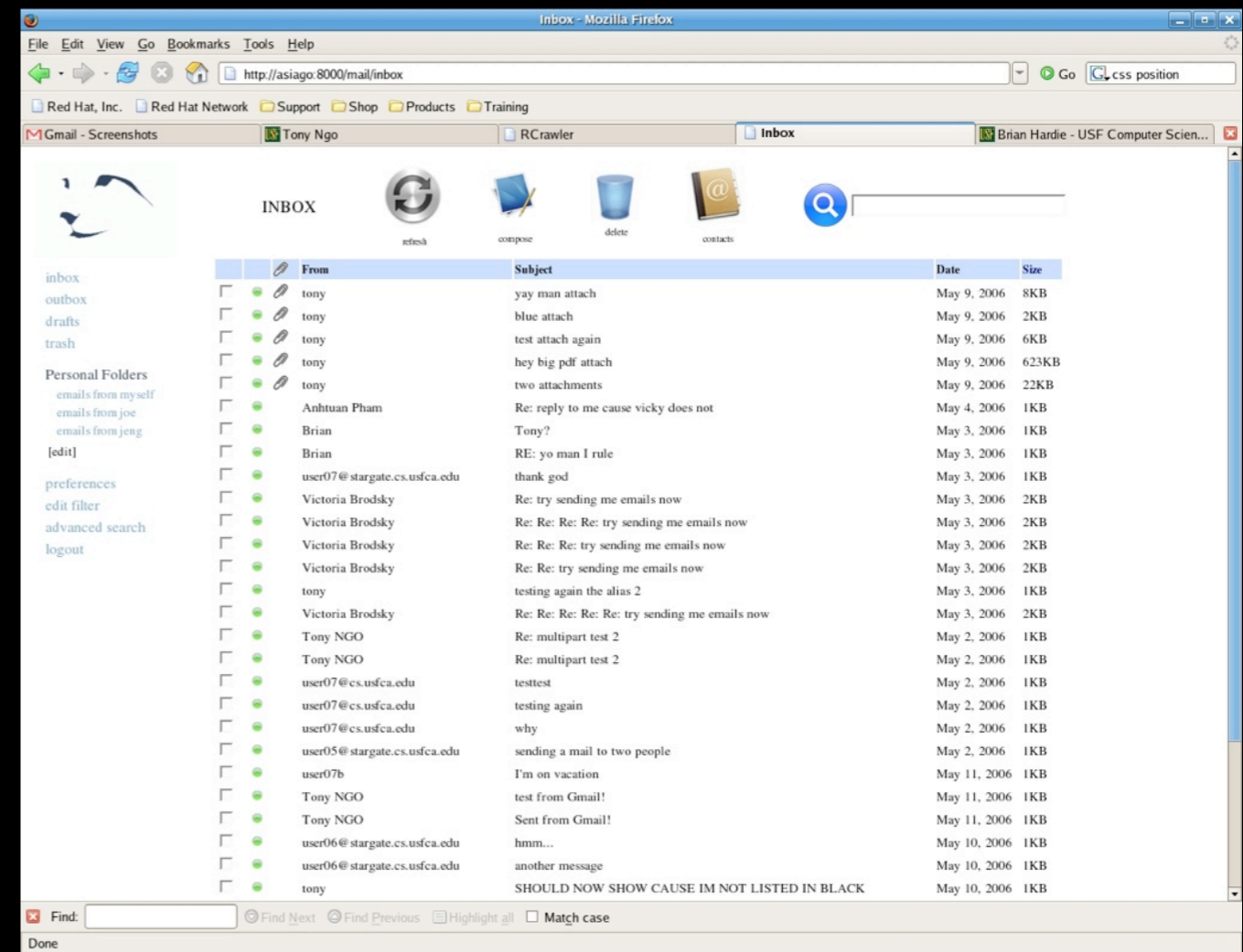
# Real Software



# Example: WebMail



A screenshot of the Gmail webmail interface in a browser window. The address bar shows the URL <http://mail.google.com/mail/?auth=DQAAAHMAA>. The user is logged in as professor.benson@gmail.com. The interface includes a search bar, navigation links for Compose Mail, Inbox (2), Starred, Chats, Sent Mail, Drafts, All Mail, Spam, Trash, and Contacts. A sidebar on the left shows 'Labels' and 'Invite a friend' options. The main content area displays two emails from 'Gmail Team' with subjects like 'It's easy to switch to Gmail!' and 'Gmail is different. Here's what you need to know.'.



A screenshot of a webmail interface in Mozilla Firefox. The browser window title is 'Inbox - Mozilla Firefox' and the address bar shows <http://asiago:8000/mail/inbox>. The interface features a navigation menu on the left with folders like 'inbox', 'outbox', 'drafts', 'trash', and 'Personal Folders'. A central table lists emails with columns for 'From', 'Subject', 'Date', and 'Size'. The table contains 20 entries, including emails from 'Tony', 'Brian', 'Victoria Brodsky', and 'user07@stargate.cs.usfca.edu'. The bottom of the interface has a search bar and navigation controls like 'Find Next', 'Find Previous', 'Highlight all', and 'Match case'.

	From	Subject	Date	Size
<input type="checkbox"/>	tony	yay man attach	May 9, 2006	8KB
<input type="checkbox"/>	tony	blue attach	May 9, 2006	2KB
<input type="checkbox"/>	tony	test attach again	May 9, 2006	6KB
<input type="checkbox"/>	tony	hey big pdf attach	May 9, 2006	623KB
<input type="checkbox"/>	tony	two attachments	May 9, 2006	22KB
<input type="checkbox"/>	Anhtuan Pham	Re: reply to me cause vicky does not	May 4, 2006	1KB
<input type="checkbox"/>	Brian	Tony?	May 3, 2006	1KB
<input type="checkbox"/>	Brian	RE: yo man I rule	May 3, 2006	1KB
<input type="checkbox"/>	user07@stargate.cs.usfca.edu	thank god	May 3, 2006	1KB
<input type="checkbox"/>	Victoria Brodsky	Re: try sending me emails now	May 3, 2006	2KB
<input type="checkbox"/>	Victoria Brodsky	Re: Re: Re: try sending me emails now	May 3, 2006	2KB
<input type="checkbox"/>	Victoria Brodsky	Re: Re: Re: try sending me emails now	May 3, 2006	2KB
<input type="checkbox"/>	Victoria Brodsky	Re: Re: try sending me emails now	May 3, 2006	2KB
<input type="checkbox"/>	tony	testing again the alias 2	May 3, 2006	1KB
<input type="checkbox"/>	Victoria Brodsky	Re: Re: Re: Re: try sending me emails now	May 3, 2006	2KB
<input type="checkbox"/>	Tony NGO	Re: multipart test 2	May 2, 2006	1KB
<input type="checkbox"/>	Tony NGO	Re: multipart test 2	May 2, 2006	1KB
<input type="checkbox"/>	user07@cs.usfca.edu	testtest	May 2, 2006	1KB
<input type="checkbox"/>	user07@cs.usfca.edu	testing again	May 2, 2006	1KB
<input type="checkbox"/>	user07@cs.usfca.edu	why	May 2, 2006	1KB
<input type="checkbox"/>	user05@stargate.cs.usfca.edu	sending a mail to two people	May 2, 2006	1KB
<input type="checkbox"/>	user07b	I'm on vacation	May 11, 2006	1KB
<input type="checkbox"/>	Tony NGO	test from Gmail!	May 11, 2006	1KB
<input type="checkbox"/>	Tony NGO	Sent from Gmail!	May 11, 2006	1KB
<input type="checkbox"/>	user06@stargate.cs.usfca.edu	hmm...	May 10, 2006	1KB
<input type="checkbox"/>	user06@stargate.cs.usfca.edu	another message	May 10, 2006	1KB
<input type="checkbox"/>	tony	SHOULD NOW SHOW CAUSE IM NOT LISTED IN BLACK	May 10, 2006	1KB

# The CS Faculty

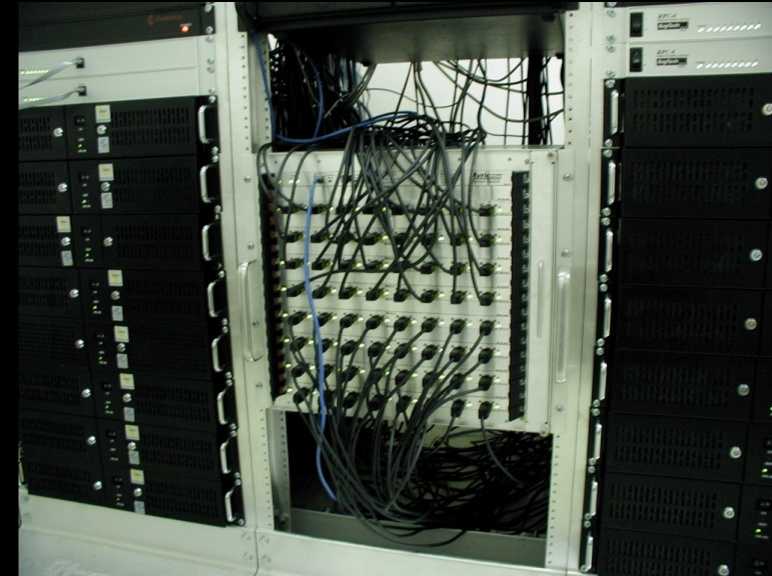
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- ▶ Experts in several areas of computer science
  - ▶ Internet and networking
  - ▶ Programming languages
  - ▶ Parallel computing
  - ▶ Operating systems
  - ▶ Artificial Intelligence

# Cool Stuff in CS



Kudlick Classroom



Keck Cluster



FlashMob Computing

# The CS Major

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- ▶ Freshmen: Intro to CS, Calculus
- ▶ Sophomores: Discrete Math, Data Structures, Assembly, Parallel Computing
- ▶ Juniors: Software Engineering, Operating Systems, Computer Architecture, Networks
- ▶ Seniors: Compilers, Electives, Senior Project



# People to Know

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- ▶ Greg Benson (CS Chair) Harney 533
- ▶ Rosa Maria (CS Assistant) Harney 545
- ▶ Alex Fedosov (Sysadmin) Harney 539
- ▶ Cody Nivens (Sysadmin) Harney 544
- ▶ Your Advisor (see Rosa Maria)

# Get Involved

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- ▶ Talk with faculty
  - ▶ Office hours
  - ▶ Advising
- ▶ Come to the ACM Social every Wednesday (4:45pm)
- ▶ ACM Pizza Night (TBA)