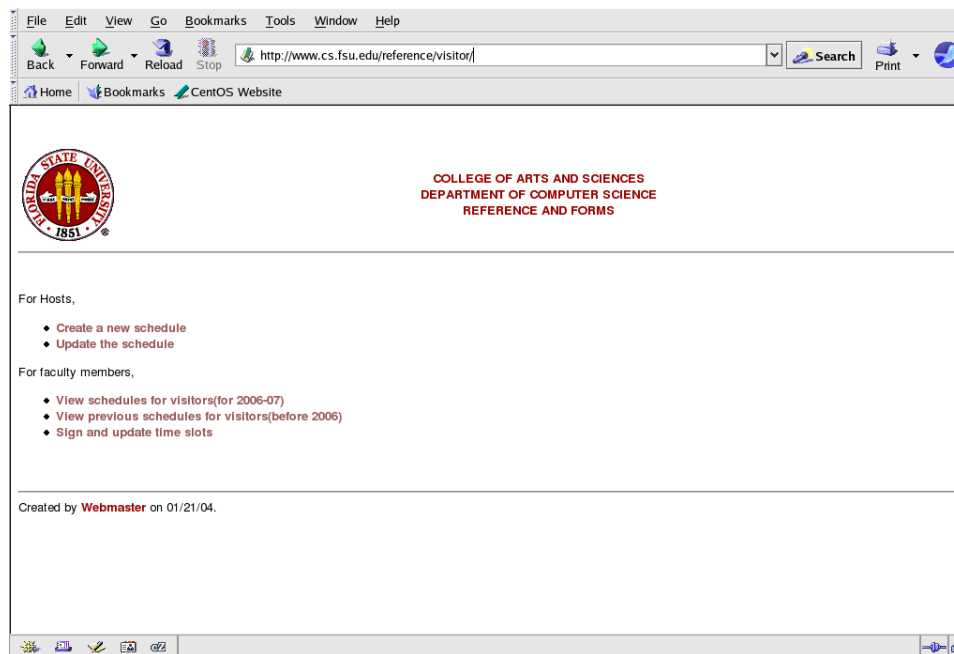


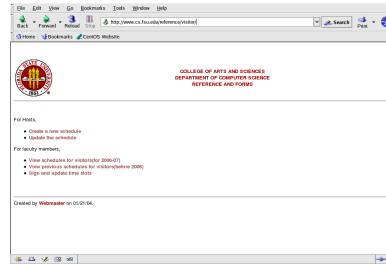
Visitor pages



☞ First page is just flat html code



Visitor pages




☞ The pages are “protected” by `.htaccess` with shared username and password

☞ the activities that a hosting faculty member might need and what other faculty members’ might want to do are distinguished



Hosting Faculty Member: Creating a Schedule

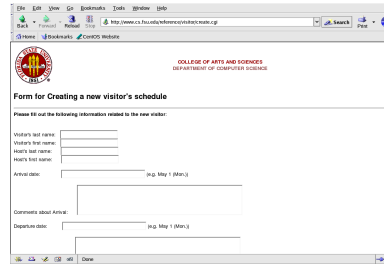
The screenshot shows a web browser window with the following content:

- Address bar: <http://www.cs.fsu.edu/reference/visitor/create.cgi>
- Page Header:  COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
- Section Title: **Form for Creating a new visitor's schedule**
- Instruction: Please fill out the following information related to the new visitor:
- Form Fields:
 - Visitor's last name:
 - Visitor's first name:
 - Host's last name:
 - Host's first name:
 - Arrival date: (e.g. May 1 (Mon.))
 - Comments about Arrival:
 - Departure date: (e.g. May 1 (Mon.))

☞ A hosting faculty member can create a new schedule here



Hosting Faculty Member: Creating a Schedule

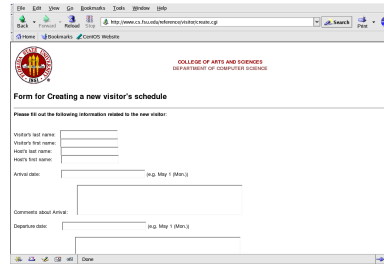


➡ This is a Perl script `create.pl` with a trivial C wrapper `create.cgi`

➡ It backends to a MySQL database called `alumnibook`



Hosting Faculty Member: Creating a Schedule



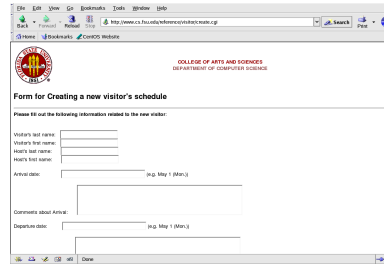
The screenshot shows a web browser window with the following content:

- Address bar: <http://www.cs.fsu.edu/~visitor/visitorweb.cgi>
- Page title: COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF COMPUTER SCIENCE
- Form title: Form for Creating a new visitor's schedule
- Text: Please fill out the following information related to the new visitor:
- Fields:
 - Visitor's last name:
 - Visitor's first name:
 - Visitor's last name:
 - Visitor's first name:
 - Arrival date: (req. May 1 2006)
 - Comments about arrival:
 - Departure date: (req. May 1 2006)

➔ The details for the visit can be updated here, including “opening up” time slots for other faculty members to sign up to meet with the visitor



Hosting Faculty Member: Creating a Schedule



The screenshot shows a web browser window with the following content:

- Address bar: <http://www.cs.fsu.edu/~reiner/visitor/visitreq.cgi>
- Page title: COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF COMPUTER SCIENCE
- Form title: Form for Creating a new visitor's schedule
- Instructions: Please fill out the following information related to the new visitor:
- Fields:
 - Visitor's last name:
 - Visitor's first name:
 - Host's last name:
 - Host's first name:
 - Arrival date: (req. May 1 2006)
 - Comments about arrival:
 - Departure date: (req. May 1 2006)

➔ When the `SUBMIT` is pressed, the script `create.cgi` calls itself again with a parameter `reqType`



Hosting Faculty Member: Updating a Schedule

COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF COMPUTER SCIENCE

Form for updating visitor schedule

Department Visitors after 01/01/2004

No.	Visitor	Visiting date	Host	Update Schedule
1	testing2 testing12	may 1 (mon) ~ may 1 (mon)	test2 test	Update entry
2	Zhenghao Zhang	March 1 (Thursday) ~ March 3 (Saturday)	Xin Yuan	Update entry
3	Marina Blanton	Feb 25 (Sunday) ~ Feb 27 (Tuesday)	Mike Burmester	Update entry
4	Fefei Li	Feb 22 (Thursday) ~ Feb 24 (Saturday)	Piyush Kumar	Update entry
5	Troy Johnson	Feb 18 (Sunday) ~ Feb 20 (Tuesday)	David Whalley	Update entry
6	Cong Yu	Feb 11 (Sunday) ~ Feb 13 (Tuesday)	Gary Tyson	Update entry
7	Tian Xia	Feb 15 (Thursday) ~ Feb 17 (Saturday)	Xiwen Liu	Update entry
8	Amit Chourasia	Nov 17th, Friday ~ Nov 21st., Tuesday	Piyush Kumar	Update entry
9	Sanjoy Paul	Oct. 5 (Thur.) ~ Oct. 8 (Sun)	Sudhir Aggarwal	Update entry
10	Jambawalkar Sachin	Aug 4 ~ Aug 10	Kumar Piyush	Update entry
11	Michael Gerke	May 25 (Thu) evening ~ May 26 (Fri) evening	Mike Burmester	Update entry
12	Chaitin Pavalia	May 15 (Monday) ~ May 17 (Wednesday)	Mike Burmester	Update entry

☞ A hosting faculty member can update an existing schedule here



Hosting Faculty Member: Updating a Schedule

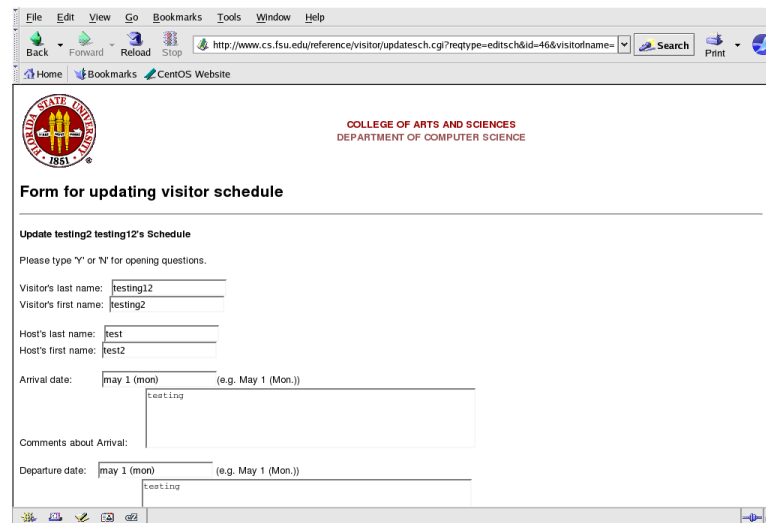
Department Visitors after 8/01/2004			
No.	Name	Visiting date	Host
1	Wang, Li	May 1 (Friday) - May 1 (Friday)	David Whaley
2	Zhang, Li	May 17 (Thursday) - May 23 (Wednesday)	Ken Yuen
3	Wang, Li	Feb 20 (Sunday) - Feb 27 (Saturday)	Ken Yuen
4	Wang, Li	Feb 22 (Tuesday) - Feb 24 (Thursday)	Ken Yuen
5	Wang, Li	Feb 18 (Sunday) - Feb 20 (Tuesday)	Ken Yuen
6	Wang, Li	Feb 19 (Monday) - Feb 20 (Tuesday)	Ken Yuen
7	Wang, Li	Feb 18 (Sunday) - Feb 19 (Monday)	Ken Yuen
8	Wang, Li	Feb 18 (Sunday) - Feb 20 (Tuesday)	Ken Yuen
9	Wang, Li	Feb 18 (Sunday) - Feb 20 (Tuesday)	Ken Yuen
10	Wang, Li	Aug 4 - Aug 10	Ken Yuen
11	Wang, Li	May 20 (Friday) - May 21 (Saturday)	Ken Yuen

➡ This is a Perl script `updatesch.pl` with a trivial C wrapper `updatesch.cgi`


➡ It also backends to the database `alumnibook`



Hosting Faculty Member: Updating a Given Schedule



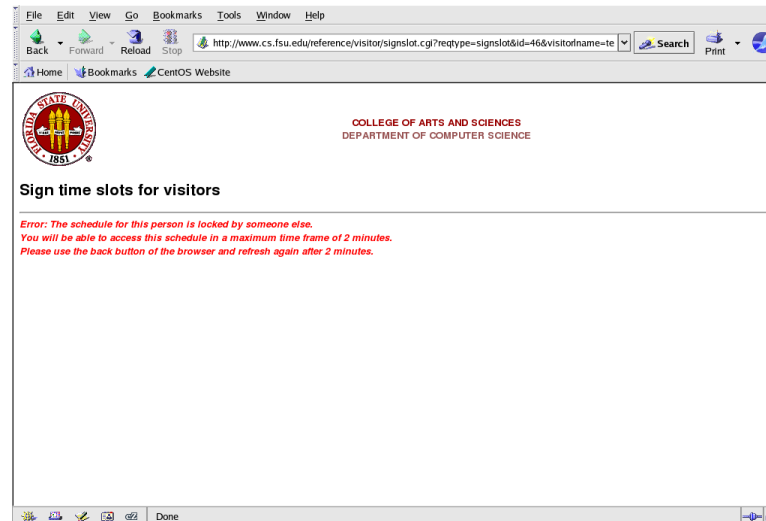
The screenshot shows a web browser window with the following content:

- Browser address bar: <http://www.cs.fsu.edu/reference/visitor/updatesch.cgi?reqtype=editsch&id=46&visitorname=>
- Page header:  COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
- Form title: **Form for updating visitor schedule**
- Section: **Update testing2 testing12's Schedule**
- Instructions: Please type 'Y' or 'N' for opening questions.
- Fields:
 - Visitor's last name:
 - Visitor's first name:
 - Host's last name:
 - Host's first name:
 - Arrival date: (e.g. May 1 (Mon.))
 - Comments about Arrival:
 - Departure date: (e.g. May 1 (Mon.))
 - Comments about Departure:

 All details for the visit can be updated here, including “opening up” time-slots for meetings



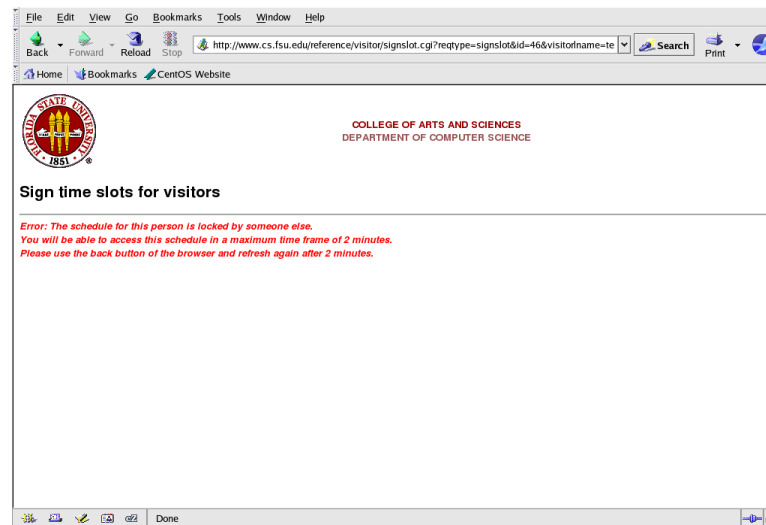
Automatic Locking of a Given Schedule



☞ If two people are editing a schedule simultaneously, this should be detected and an error message displayed to the second editor.



Automatic Locking of a Given Schedule



👉 However this is currently fragile: it uses a single lockfile named `dummylock`



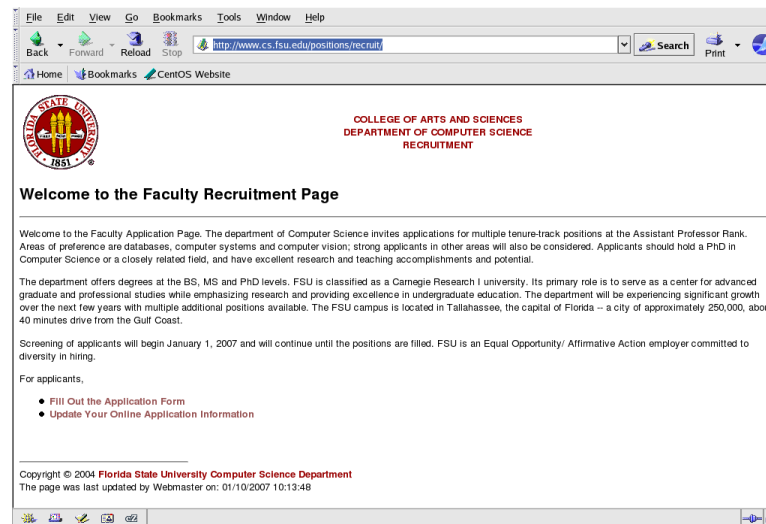
Faculty Recruitment

Divided into three sections:

- ➡ Applicant information
- ➡ References uploading
- ➡ Departmental activities



Faculty Recruitment: Applicant Information

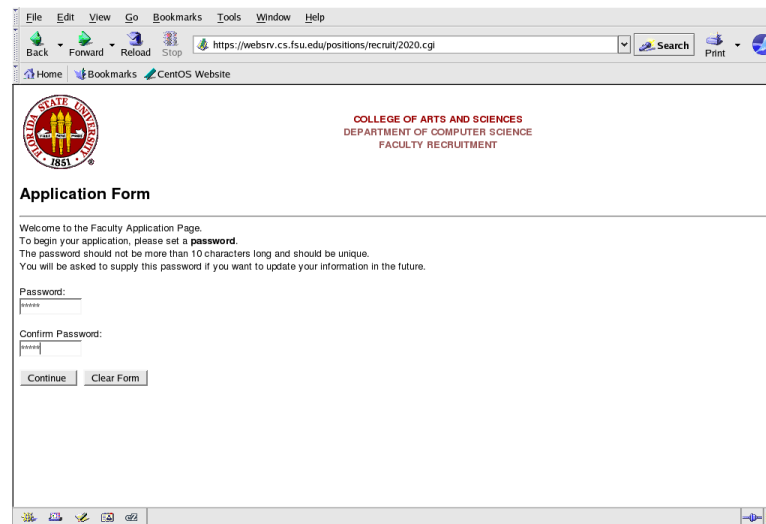


 Apply

 Update an existing application



Faculty Recruitment: Creating an Application

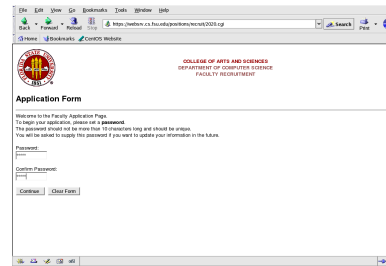


The screenshot shows a web browser window with the address bar containing `https://websrv.cs.fsu.edu/positions/recruit2020.cgi`. The page content includes the Florida State University logo on the left and the text "COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF COMPUTER SCIENCE FACULTY RECRUITMENT" on the right. Below this is the heading "Application Form" followed by a horizontal line. The text reads: "Welcome to the Faculty Application Page. To begin your application, please set a **password**. The password should not be more than 10 characters long and should be unique. You will be asked to supply this password if you want to update your information in the future." There are two input fields: "Password:" and "Confirm Password:". Below these fields are two buttons: "Continue" and "Clear Form".

➔ A Perl script `apply0220.pl` is called by a C wrapper `2020.cgi`.



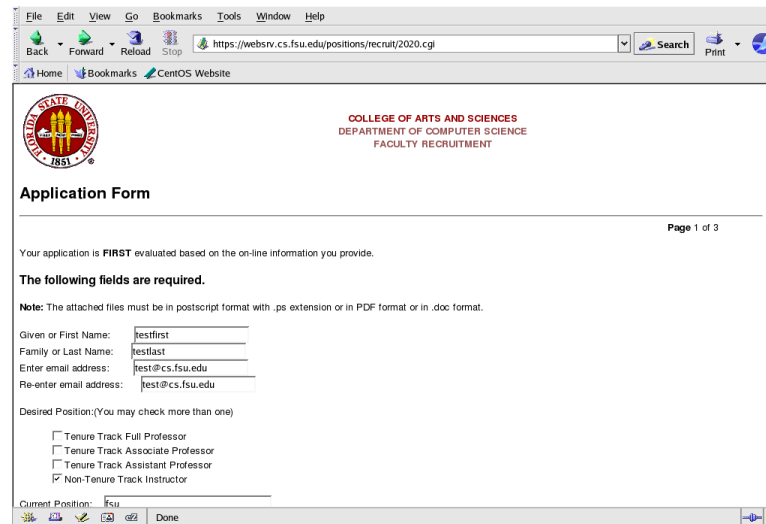
Faculty Recruitment: Creating an Application



- ➡ The first time through, it displays create password message
- ➡ The same database `alumnibook` is used for both faculty recruitment and visitors



Faculty Recruitment: Creating an Application

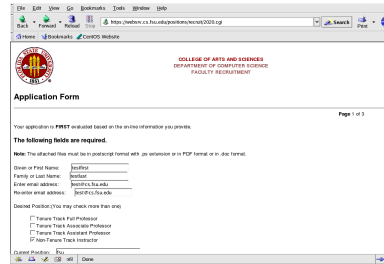


The screenshot shows a web browser window with the address bar displaying `https://websrv.cs.fsu.edu/positions/recruit/2020.cgi`. The page content includes the Florida State University logo, the text "COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF COMPUTER SCIENCE FACULTY RECRUITMENT", and the title "Application Form". Below the title, it states "Page 1 of 3" and "Your application is FIRST evaluated based on the on-line information you provide." A section titled "The following fields are required." includes a note: "Note: The attached files must be in postscript format with .ps extension or in PDF format or in .doc format." The form fields are: "Given or First Name:" (filled with "jtestfirst"), "Family or Last Name:" (filled with "jtestlast"), "Enter email address:" (filled with "jtest@cs.fsu.edu"), and "Re-enter email address:" (filled with "jtest@cs.fsu.edu"). A "Desired Position:" section has four radio button options: "Tenure Track Full Professor", "Tenure Track Associate Professor", "Tenure Track Assistant Professor", and "Non-Tenure Track Instructor" (which is selected). At the bottom, there is a "Current Position:" field with "fsu" entered.

➡ The first page of data entry for the applicant; most fields must be filled in



Faculty Recruitment: Creating an Application



The screenshot shows a web browser window displaying an application form. The browser's address bar shows the URL: <http://webform.as.fsu.edu/webform/recru2007.asp>. The page title is "COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF COMPUTER SCIENCE FACULTY RECRUITMENT". The form is titled "Application Form" and is labeled "Page 1 of 1".

Your application is **PREVIEW** enabled based on the information you provide.

The following fields are required.

Note: The attached file must be in pdf format with an extension or in PDF format or in doc format.

Given or First Name: Surname:

Family or last Name: Position:

Home email address: Specific to us only:

Previous email address: Specific to us only:

Desired Position (You may check more than one)

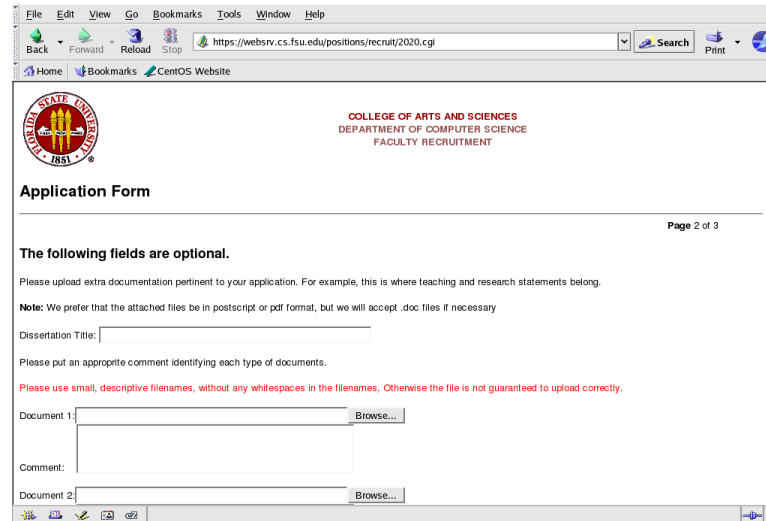
- Tenure Track Full Professor
- Tenure Track Associate Professor
- Tenure Track Assistant Professor
- Non-Tenure Track Instructor

Current Institution:

☞ The filename for all of the files uploaded to the system is the one provided by the user, which we will have to change




Faculty Recruitment: Creating an Application



File Edit View Go Bookmarks Tools Window Help

Back Forward Reload Stop <https://websrv.cs.fsu.edu/positions/recruit2020.cgi> Search Print

Home Bookmarks CentOS Website

 COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
FACULTY RECRUITMENT

Application Form Page 2 of 3

The following fields are optional.

Please upload extra documentation pertinent to your application. For example, this is where teaching and research statements belong.

Note: We prefer that the attached files be in postscript or pdf format, but we will accept .doc files if necessary

Dissertation Title:

Please put an appropriate comment identifying each type of documents.

Please use small, descriptive filenames, without any whitespaces in the filenames. Otherwise the file is not guaranteed to upload correctly.

Document 1:

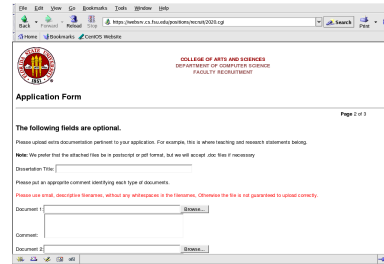
Comment:

Document 2:

☞ The fields on the second page are largely optional



Faculty Recruitment: Creating an Application



The screenshot shows a web browser window displaying the 'Application Form' page. The page header includes the Florida State University logo and the text 'COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF COMPUTER SCIENCE FACULTY RECRUITMENT'. The main content area contains the following text:

Application Form Page 2 of 3

The following fields are optional.

Please upload extra documentation pertinent to your application. For example, this is where teaching and research statements belong.

Note: We prefer that the attached files be in pdf format, but we will accept doc files if necessary.

Document Title:

Please put an appropriate comment identifying each type of document.

Please use email description filename, unless you wish to specify it in the comment. Otherwise the file is not guaranteed to upload correctly.

Document 1:

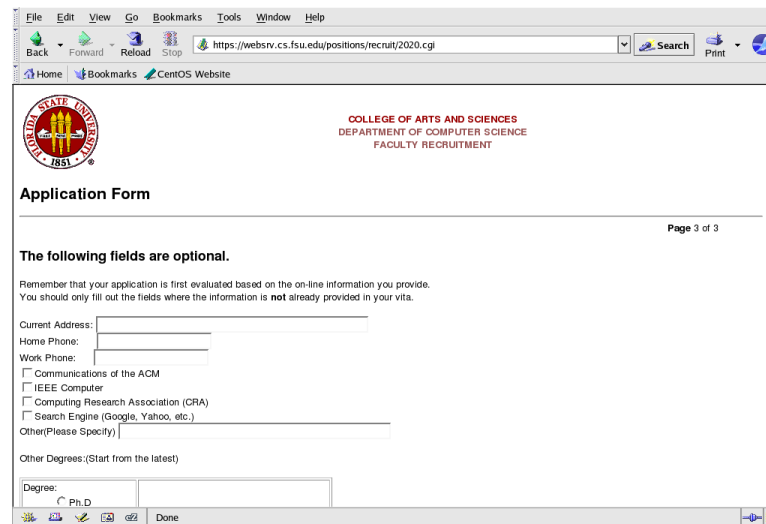
Comment:

Document 2:

➔ The second application page is created by the same script `apply0220.pl`



Faculty Recruitment: Creating an Application

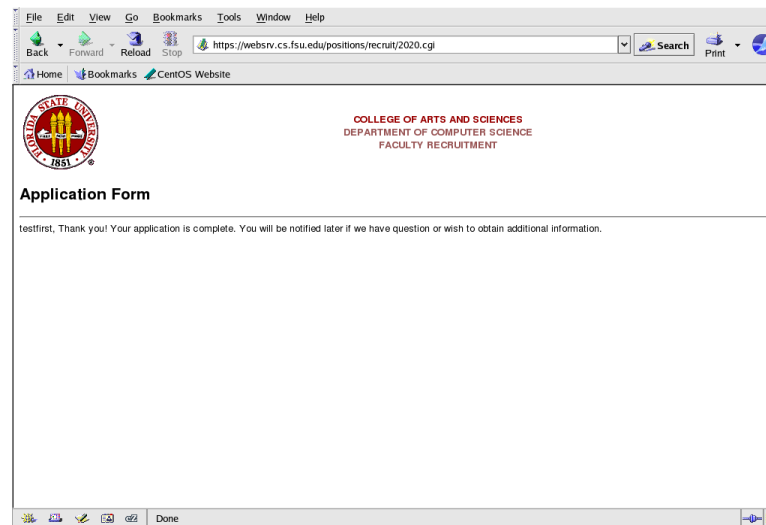


The screenshot shows a web browser window with the URL `https://websrv.cs.fsu.edu/positions/recruit2020.cgi`. The page header includes the Florida State University logo and the text "COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF COMPUTER SCIENCE FACULTY RECRUITMENT". The main heading is "Application Form" with "Page 3 of 3" on the right. The text reads: "The following fields are optional. Remember that your application is first evaluated based on the on-line information you provide. You should only fill out the fields where the information is not already provided in your vita." The form contains input fields for "Current Address:", "Home Phone:", and "Work Phone:". Below these are checkboxes for "Communications of the ACM", "IEEE Computer", and "Computing Research Association (CRA)", along with a text field for "Search Engine (Google, Yahoo, etc.)" and another for "Other(Please Specify)". At the bottom, there is a section for "Other Degrees (Start from the latest)" with a "Degree:" dropdown menu showing "Ph.D." selected.

➔ Likewise, the third application page is created by the same script `apply0220.pl`



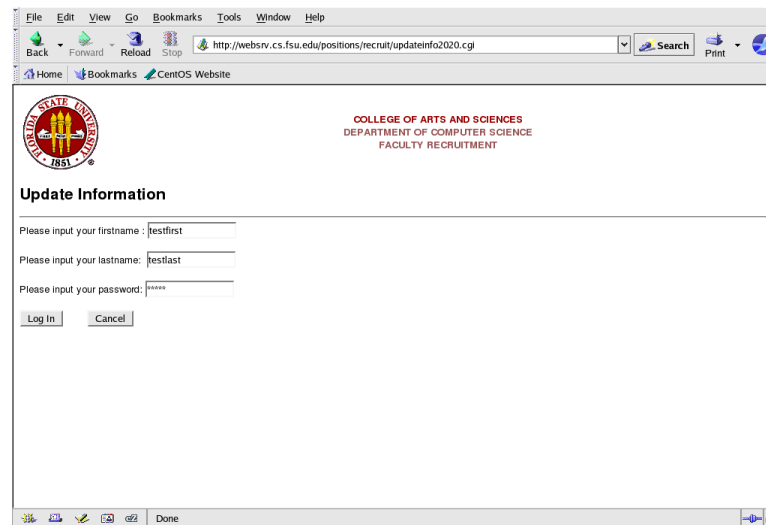
Faculty Recruitment: Creating an Application



☞ The final page is also created by the same script
`apply0220.pl`



Faculty Recruitment: Updating an Application

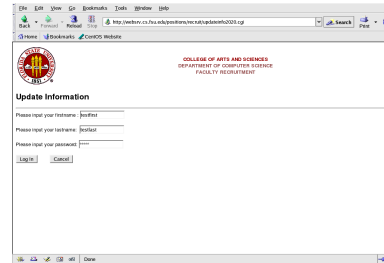


The screenshot shows a web browser window with the address bar containing `http://websrv.cs.fsu.edu/positions/recruit/updateinfo2020.cgi`. The page content includes the Florida State University logo, the text "COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF COMPUTER SCIENCE FACULTY RECRUITMENT", and a section titled "Update Information". This section contains three input fields: "Please input your firstname: testfirst", "Please input your lastname: testlast", and "Please input your password: *****". Below the fields are "Log In" and "Cancel" buttons.

➔ Updating is done via Perl script `updateinfo0220.pl`, which has a trivial C wrapper `updateinfo2020.cgi`



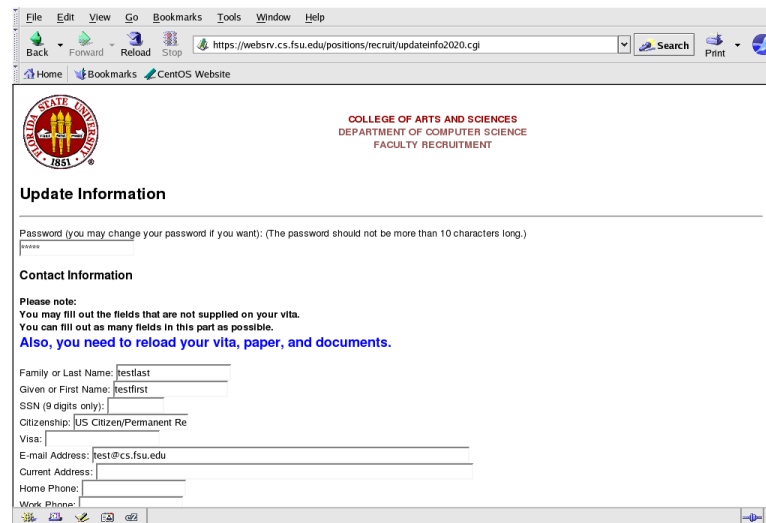
Faculty Recruitment: Updating an Application



➔ The user logs in with the same information as previously supplied



Faculty Recruitment: Updating an Application



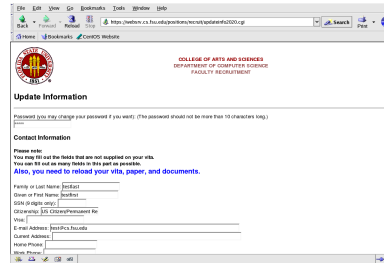
The screenshot shows a web browser window with the URL `https://websrv.cs.fsu.edu/positions/recruit/updateinfo2020.cgi`. The page header includes the Florida State University logo and the text "COLLEGE OF ARTS AND SCIENCES DEPARTMENT OF COMPUTER SCIENCE FACULTY RECRUITMENT". The main content area is titled "Update Information" and contains a form with the following fields:

- Password (you may change your password if you want): (The password should not be more than 10 characters long.)
- Contact Information
- Please note: You may fill out the fields that are not supplied on your vita. You can fill out as many fields in this part as possible. Also, you need to reload your vita, paper, and documents.
- Family or Last Name:
- Given or First Name:
- SSN (9 digits only):
- Citizenship: [US Citizen/Permanent Re
- Visa:
- E-mail Address:
- Current Address:
- Home Phone:
- Work Phone:

☞ The Perl script `updatein0220.pl` creates all of the various pages for updating



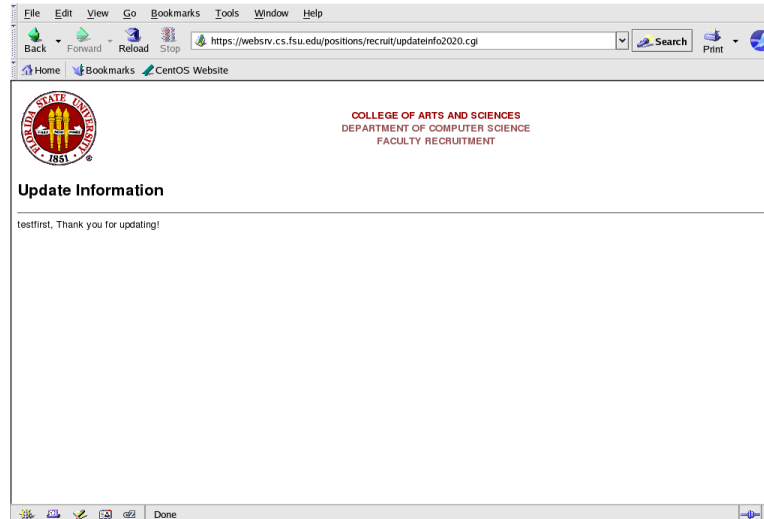
Faculty Recruitment: Updating an Application



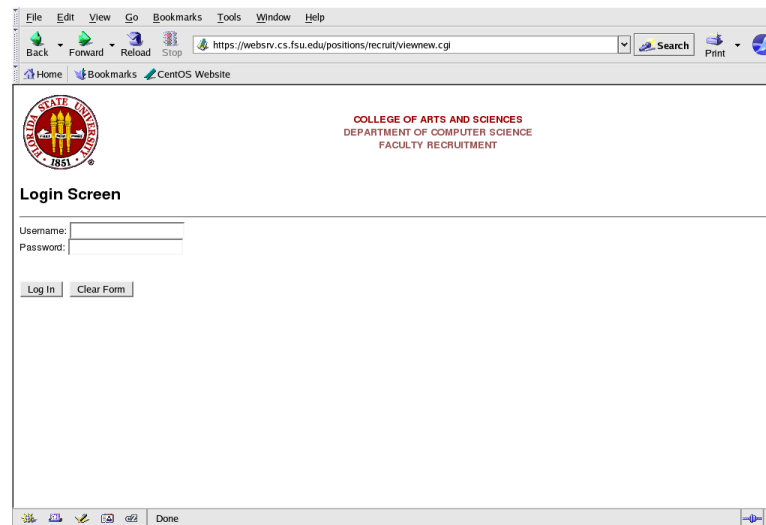
☞ The user will be warned if files are missing



Faculty Recruitment: Updating an Application



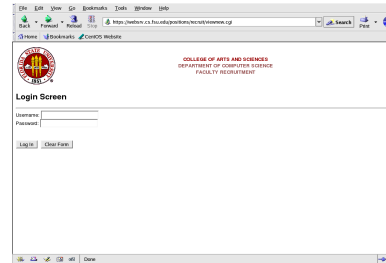
Faculty Recruitment: Reviewing applications



➡ Department members can read and comment on applications



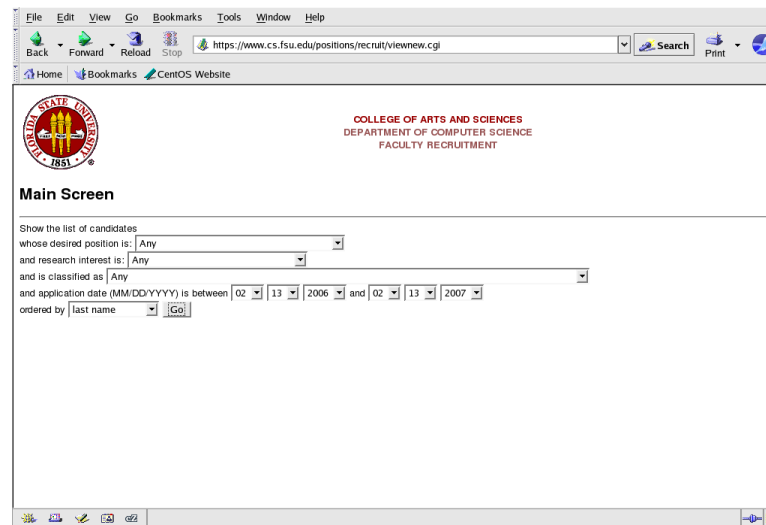
Faculty Recruitment: Reviewing applications



☞ The Perl script `viewnew.pl` is wrapped by `viewnew.cgi`



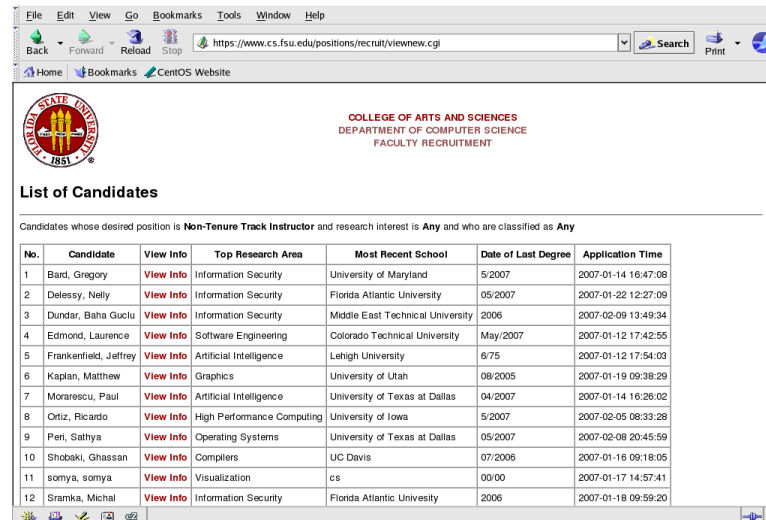
Faculty Recruitment: Reviewing applications



☞ Department members can use many criteria to select applications for review



Faculty Recruitment: Reviewing applications



COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
FACULTY RECRUITMENT

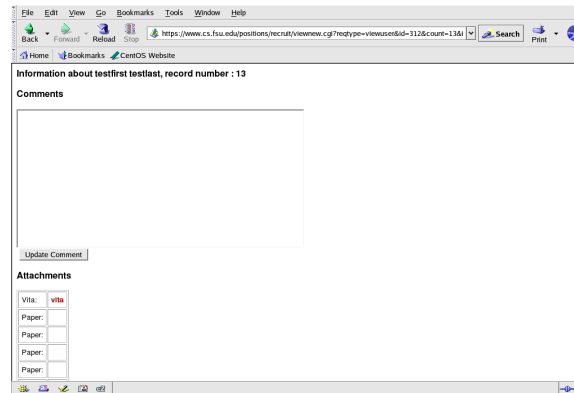
List of Candidates

Candidates whose desired position is **Non-Tenure Track Instructor** and research interest is **Any** and who are classified as **Any**

No.	Candidate	View Info	Top Research Area	Most Recent School	Date of Last Degree	Application Time
1	Bard, Gregory	View Info	Information Security	University of Maryland	5/2007	2007-01-14 16:47:08
2	Delessy, Nelly	View Info	Information Security	Florida Atlantic University	05/2007	2007-01-22 12:27:09
3	Dundar, Baha Guclu	View Info	Information Security	Middle East Technical University	2006	2007-02-09 13:49:34
4	Edmond, Laurence	View Info	Software Engineering	Colorado Technical University	May/2007	2007-01-12 17:42:55
5	Frankenfield, Jeffrey	View Info	Artificial Intelligence	Lehigh University	6/75	2007-01-12 17:54:03
6	Kaplan, Matthew	View Info	Graphics	University of Utah	08/2005	2007-01-19 09:38:29
7	Morarescu, Paul	View Info	Artificial Intelligence	University of Texas at Dallas	04/2007	2007-01-14 16:26:02
8	Ortiz, Ricardo	View Info	High Performance Computing	University of Iowa	5/2007	2007-02-05 08:33:28
9	Peri, Sathya	View Info	Operating Systems	University of Texas at Dallas	05/2007	2007-02-08 20:45:59
10	Shobaki, Ghassan	View Info	Compilers	UC Davis	07/2006	2007-01-16 09:18:05
11	somya, somya	View Info	Visualization	cs	00/00	2007-01-17 14:57:41
12	Sramka, Michal	View Info	Information Security	Florida Atlantic University	2006	2007-01-18 09:59:20



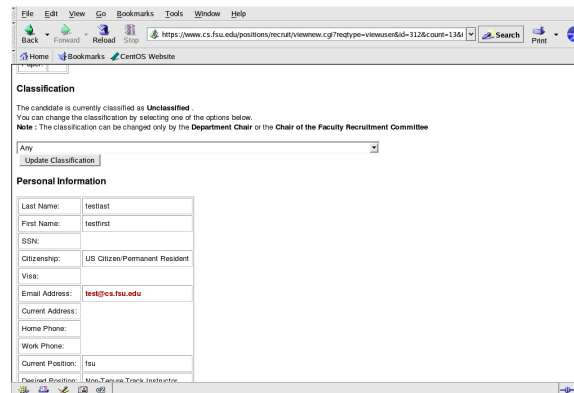
Faculty Recruitment: Reviewing applications



➡ Faculty members can make comments about each application.



Faculty Recruitment: Reviewing applications



File Edit View Go Bookmarks Tools Window Help

Back Forward Reload Stop <https://www.cs.fsu.edu/positions/recruit/viewnew.cg?reqtype=viewused&d=112&count=134> Search Print

Home Bookmarks ClientOS Website

Classification

The candidate is currently classified as **Unclassified**.
You can change the classification by selecting one of the options below.
Note: The classification can be changed only by the Department Chair or the Chair of the Faculty Recruitment Committee.

Any

Personal Information

Last Name:	testlast
First Name:	testfirst
SSN:	
Citizenship:	US Citizen/Permanent Resident
Visa:	
Email Address:	test@cs.fsu.edu
Current Address:	
Home Phone:	
Work Phone:	
Current Position:	tsu
Desired Position:	non-Teaching Track Instructor

☞ If the status is updated to anything other than “Reject”, “Rejected”, “ToBeRejected”, or “OnHold”, then a request for references is sent out.



Summary

☞ What do you need to run these systems?

⇒ Linux server

⇒ Perl with CGI library

⇒ Apache

⇒ MySQL server

☞ The code is Computer Science-specific (especially such items as lists of areas of interest) and will need to be customized for other departments



☞ The code is not designed for large numbers of users. Issues such as filenames, locking, and even table key fields need careful scrutiny.

