

Team Inventory for Team TerraUser
The Web-based User Management Project

Memo



To: *Deborah Soltesz*

From: *TerraUser Team - Michelle Harr, Naoko Tsunekawa, and Daniel Wallace*

Date: *17 November 2001*

Re: *Team Inventory*

We are all excited to be working on this project with USGS. This memo will briefly introduce our team and profile the members.

The TerraUser team is composed of three members, Michelle Harr, Naoko Tsunekawa and Daniel Wallace. All of the members are seniors at NAU in the CSE program. The following pages provide profiles for each of the members. Assigned responsibilities are as follows:

- Michelle - Team Leader / Communications Coordinator
- Naoko - Document Coordinator and Secretary
- Daniel - Website Coordinator and Facilitator

Our team feels comfortable with the technology involved in this project, although we have limited experience in the areas of web application development and Apache driven Java. Our team is trying to identify areas that we need to research and knowledge that we need to acquire in order to successfully complete the project. Following the profiles is an assessment of the skills we have that match the project. As a team, we are confident that our knowledge of these technologies will enable us to develop a strong, robust and efficient design. By the time the design is completed, we will have a firm grasp on of all the technologies we will be using, with varying amounts of practical experience.

The TerraUser team is excited to be working on this project and anxiously anticipate progress in the design. We are looking forward to delivering a high-quality, useful product that we will be proud to have designed and implemented. We will be successful as a team

because of the diversity of our experiences and backgrounds. There are many different angles and perspectives within our group that will contribute to the strength of the team as a whole.

HARR PROFILE

Michelle L. Harr
1000 West Forest Meadows #115
Flagstaff, AZ 86001
mlh9@dana.ucc.nau.edu
(928) 214-7193

Professional Studies:

MAT 316 - Intro to Linear Algebra
CSE 315 - Automata Theory
CSE 355 - Microprocessors
CSE 386 - Engineering Design/Methods
CSE 396 - Principles of Languages
CSE 400 - Computer Architecture
CSE 432 - Image Processing
CSE 499 - Interactive Websites
CSE 599 - Knowledge Discovery
EE 448 - Digital Signal Processing
EE 339 - Circuits for Instrumentation and Systems

Work Experience:

- ❑ 2001-Present USGS Student Systems Administrator - user support/system maintenance.
- ❑ Summer 1999-2001 Sun Microsystems, Inc. Software Quality Assurance Intern - software testing.
- ❑ 1998-2001 USGS Student Trainee for Western Regional Geology Mapping Division - map making.

Programming:

Java / Java Script / JSP / Perl / UML / SQL / SCCS / RCS / C++ / Teamware / emacs / vi / HTML / AML

Special Skills:

MySQL databases, software testing (writing and execution of test scripts), experience with Apache and Java web servers, Graphical Information Systems

Schedule for Fall 2001:

MWF 9:10-10:00AM	CSE432 - Image Processing
MWF 10:20-11:10AM	REL150 - Religions of the World

MWF	2:00-5:00PM	Work USGS
M	4:15-6:00PM	Flagstaff Soccer Club - Coaching
TTH	8:00AM-2:00PM	Work USGS
TH	2:45-5:00PM	CSE476 - Senior Design Lab

TSUNEKAWA PROFILE

Naoko Tsunekawa
3200 S. Litzler Dr. #6-126
Flagstaff, AZ 86001
nt3@dana.ucc.nau.edu
(928) 773-4716

Professional Studies:

CSE 315 - Automata Theory
CSE 355 - Microprocessor
CSE 386 - Engineering Design / Methods
CSE 396 - Principles of Language
CSE 400 - Computer Architecture
CSE 420 - Advanced Digital Logic
CSE 432 - Image Processing
EE 339 - Circuits for Instrumentation and Systems
EE 448 - Digital Signal Processing
EE 461/462 - Semiconductor Theory / Fabrication Lab I

Work Experience:

- ❑ Summer 2001 Micron Technology, Inc Software Engineer Intern at Test Department
- ❑ Fall 2001 Northern Arizona University, College of Engineering - Grader for EE188 and CSE255 classes

Programming Skills:

C / C++ / Visual C++ / Java / Perl / Basic / Visual Basic / Assembly /
Scheme / VHDL / MATLAB / COBOL

Special Skills:

Experience with converting C-shell to Perl, UNIX user authorization system, Software testing script, Familiarity of semiconductor process

Schedule for Fall 2001:

MWF	9:10-10:00AM	CSE 432 - Image Processing
MWF	12:40-1:30PM	CSE 420 - Advanced Digital Logic
MWF	1:50-2:40PM	EE 461 - Semiconductor Theory
TTH	10:00-10:50AM	PES 100 - GRP Fitness

TH	2:45-5:00PM	CSE 476 - Software Engineering
W	3:00-5:30PM	EE 462 - Semiconductor Fabrication Lab I
F	3:00-4:00PM	EE 461 – Problem Solving
T	1:00-3:00PM	Community Service at American Red Cross

WALLACE PROFILE

Daniel Wallace
700 Charley Trail
Sedona, AZ 86336
dw2@cet.nau.edu
(928) 203-0732

Professional Studies:

CSE 315 - Automata Theory
CSE 355 - Microprocessors
CSE 386 - Engineering Design/Methods
CSE 396 - Principles of Languages
CSE 420 - Advanced Digital Logic
CSE 432 - Image Processing
EE 339 - Circuits for Instrumentation and Systems
MAT316 - Intro to Linear Algebra

Work Experience:

- ❑ Summer 2000 Lawrence Livermore Nat. Labs - web-interfaces, DB design/programming, application development.
- ❑ 1999-2001 Freelance Web-design - site design and creation, graphics development, client/server scripting

Programming Skills:

C / C++ / Visual C++ / Java / Perl / Scheme / CGI / SQL / Assembly / VHDL / MATLAB

Special Skills:

HTML 4.x compatibility/portability/accessibility, W3C, CSS, JavaScript, Java Applets, Perl driven CGI and SQL, database scripting (Sybase), server/client scripting

Schedule for Fall 2001:

MWF 9:10-10:00AM	CSE 432 - Image Processing
MWF 10:20-11:10AM	EGR 251 - Statics
MWF 12:40-1:30PM	CSE 420 - Advanced Digital Logic

T 5:00-6:00PM
TH 2:40-5:00PM

CSE 496 - Independent Study
CSE 476 - Software Engineering

INITIAL TEAM SKILLS ASSESSMENT

Team skills required for success on project:

Category	Product / tool using	Team Strengths	Team Weaknesses
Operating System	SuSE Linux	Team members have some experience, but are not experts.	Team members can get around, but need to work on learning details.
Web Server	Apache		Team members have a little experience, but are not experts.
Java Server	Apache Jserv		Team members have minimal experience, but are willing to learn.
Server Side Interfacing	Java, JDBC, JSP, Java Script	Team members have some familiarity with.	Always lots to learn and keep up to date on.
Database	MySQL	Team members have some experience.	
User Interface	HTML 4.0 minimum	Team members have experience in this area.	
Security	SSL		Team members have no experience in this area.