

JENNIFER REYES
Hercules, CA 94547
jreyes@cs.usfca.edu
<http://www.cs.usfca.edu/~jreyes>

EDUCATION

- University of San Francisco, CA
Major: Bachelor of Science in Computer Science.
Expected graduation date: 05/2007 (GPA: 3.715)

PROJECTS

- **Pintos OS:** Implemented thread priority scheduling, user processes, paged virtual memory, and extended the base file system of Pintos operating system using C.
- **HTTP Server:** Built a multi-threaded HTTP server in Java that can fetch html, media files, and execute server side Java. The server was able to fetch files as well as execute server side Java.
- **GimmeGreen:** Developed a web-based email client in Java. Implemented POP and SMTP protocol support, Lucene email searching, and a MySQL database manager. Front end developed using StringTemplates, HTML, and CSS.
- **Simple Java:** Built a compiler for subset of Java that generated MIPS assembly code.
- **Processor:** Designed a Pipeline processor that accepted MIPS assembly code, and supports the or, and, slt, add, sub, lw, sw, j, jr, beq, and bne instructions.
- **RDB:** Developed a debugger for the River distributed runtime system. Supported context control and message breakpoints for debugging message passing communication.

WORK EXPERIENCE

University of San Francisco, CA

Tutor for CS107 – Computing, Robots, and Python: 01/06 – 05/06

- Lead individual study sessions on programming in Python.
- Developed study materials to aid students in learning abstract programming concepts.

Summer Enrichment Program, USF: 06/05, 06/06

- Taught introductory programming classes for the Summer Enrichment Program for Young Women interested in Computer Science.

Student Assistant for the Graduation Center: 09/03 – Present

- Responsible for processing student files, including checking eligibility for graduation.
- Maintained confidentiality when handling privileged communications and records.

St. Anthony Foundation, CA

Tech-Lab Intern: 05/06 – Present

- Teach Computer Skills and Web Design classes.
- Computer lab maintenance.

COMMUNITY WORK

University of San Francisco, CA

Peru Immersion Trip: 03/07

- Taught classes on how to use Skype and Moodle to enhance communication and teaching.
- Software installation and computer troubleshooting.

St. Anthony Foundation, CA

Tech-Lab Volunteer: 01/06 – 05/06

- Designed an A-Plus curriculum, with functional course website, for St. Anthony's Employment Center.

Association of Computing Machinery (ACM): 10/04 – Present

- Current Position: Associate Chair
- Former Position: Class Representative