

Laura D. Goadrich

4728 Regent St. Apt #101B
Madison, WI 53705
Home Phone (608) 232-2618

QUALIFICATIONS

Four years experience teaching at University of Wisconsin-Madison.
Received 2001 Best computer science department TA award.
Working knowledge of programming languages Java, AMPL, GAMS,
Machine Language, C, C++ and operating systems Unix, Linux,
Windows.

EDUCATION

2002-2005 M.S. in Industrial Engineering, University of Wisconsin at Madison
2002-2004 Research work in radiation tumor treatment planning for
multicollimator problems under Dr. Robert Meyer in the
Computer Science Dept., University of Wisconsin at Madison
2000-2002 M.S. in Computer Science, University of Wisconsin at Madison.
1996-2000 B.A. in Computer Science and Mathematics, Southwestern
University in Georgetown, Texas.
1996-2000 Certification for Secondary Education in Mathematics and
Computer Science, Southwestern University in Georgetown,
Texas.

EMPLOYMENT

2005-2002 *Research Project Assistant for Dr. Robert Meyer in the Computer
Sciences Department, University of Wisconsin-Madison*

2004 *Summer- Instructor for Computer Sciences Department,
University of Wisconsin-Madison for Machine Programming
(cs354)*

2003 *Fall- tutor for CS302- Introduction to programming with Java
& TA for CS635- Tools in Optimization*

2003 *Summer- Instructor for Computer Sciences Department,
University of Wisconsin-Madison for Machine Programming
(cs354)*

2002 *Summer- Instructor for Computer Sciences Department,
University of Wisconsin-Madison for Machine Programming
(cs354)*

2000-2003 *Teaching Assistant for Computer Sciences Department,
University of Wisconsin-Madison*
Instructor for Introduction to Programming with Java (cs302)
usually teaching two classes per Fall and Spring semesters.
Project leader to create both assignments and lessons for the
course. Mentor for newer instructors.

1998 *Tutor for Mathematics Department, Southwestern University*
Assisted upper level mathematics students

1996-1997 *Camp Supervisor, Round Rock Community School*
Supervisor for multiple summer camps during spring and summer.

COMMUNICATION

- Fall 2004 Volunteered to instruct high school students about computer programming- Maidson's chapter of Expanding Your Horizons
- Fall 2004 Poster presentation on IMRT cancer research at CIBM annual retreat at University of Wisconsin-Madison
- Fall 1999 Presented at Kappa Delta Pi's Biannual Convention on Educational Technology on the results from a survey of secondary instructors and describing different ways that technology can be used successfully in the secondary classroom.
- Summer 1999 Presented research at the Mathematical Association of America: Texas section in San Marcos Topic titled "Interactive Probability": the introduction included information on the use of applets available publicly on the web for educational purposes. URL <http://www.southwestern.edu/~shelton>
- Spring 1999 Presented results of Operation Achievement (mentoring program for minority secondary students) that statistically shows the success of the program since its induction to the President, Dean, Provost and staff of Southwestern University

REFERENCES

- Dr. Robert Meyer: Professor of Computer Sciences and member of the Center for the Mathematical Sciences at University of Wisconsin-Madison, 2001-2005, rrm@cs.wisc.edu
- Robert Holloway: Supervisor of instruction and teaching assistants at University of Wisconsin-Madison, Fall 2000 - Summer2004, bobh@cs.wisc.edu
- Debbra Deppeler: Coordinator for Introduction to programming with Java (cs302) at University of Wisconsin at Madison, Fall 2001-Spring 2003, deppeler@cs.wisc.edu
- Jim Skrentny: Coordinator for Introduction to Programming with Java (cs302) at University of Wisconsin at Madison, Fall 2000-Spring 2001, skrentny@cs.wisc.edu
- Dr. LaVonne Neal: Associate Professor of Education, Director of Operation Achievement at Southwestern University
Georgetown, TX 78627
neall@southwestern.edu
- Dr. Theresa Shelton: Associate Professor of Mathematics and Computer Science at Southwestern University
Georgetown, TX 78627
shelton@southwestern.edu