

Additional Information

Erin R. Rhode

Research Experience

MASSACHUSETTS GENERAL HOSPITAL Boston, MA
August 2004 – present

Research Assistant in Surgical Oncology under Dr. James Michaelson Designed and implemented a mammogram reminder system to automatically call patients and remind them of mammogram appointments. Developing matching algorithms for case control studies of breast cancer patients.

MIT LABORATORY FOR COMPUTER SCIENCE Cambridge, MA
June 2003 – September 2003

Undergraduate Researcher - Clinical Decision Making Group. Researched natural language processing in domain of medical abstracts. Wrote scripts in Perl and LISP to parse abstracts for patient and drug information and interact with an SQL database.

MIT PHYSICS DEPARTMENT Cambridge, MA
Summer 2002

Undergraduate Researcher – Laboratory for Nuclear Science. Measured Gain coefficient of various gases under Dr. Ulrich Becker. Charted results in MATLAB.

Teaching Experience

HARVARD UNIVERSITY EXTENSION SCHOOL Cambridge, MA
September 2004 – present

Teaching Assistant for Artificial Intelligence (CSCI E-220), lectured by David Albert. Leads weekly section and office hours. Grades all homeworks and projects. Topics include search algorithms, game theory, natural language processing, predicate calculus, machine learning, and machine vision.

MIT PHYSICS DEPARTMENT Cambridge, MA
September 2002 – February 2004

Problem Set Grader Graded weekly Physics II (Electricity and Magnetism) problem sets for 30 students and provided constructive feedback.

Activities

MIT'S PRODUCTION OF THE VAGINA MONOLOGUES 2002-present
2002 Cast Member, 2003 Cast Member and Tech Director, 2004 Producer and Web Designer, 2005 Director and Web Designer. Raised over \$13,000 in 2004 for domestic violence and rape prevention charities. Awarded the MIT Student Life Program's Philanthropy Award.

MIT MYSTERY HUNT 2001-present
2003-2004 Hunt Author Member of 2003 winning puzzle competition team. Co-authored 2004 hunt, including puzzles involving cryptic crosswords, music, pop culture references, trivia, and hands-on manipulation. Awarded the MIT Student Life Program's Outstanding Undergraduate Activity Award.

EAST CAMPUS HOUSECOMM 2001-2004
2002 Secretary, 2003 Treasurer and Rush Chair. Maintained log of dormitory meetings. Managed \$30000 yearly budget. Organized dorm's freshman orientation activities. Met frequently with MIT deans and administrators regarding issues of student life. Awarded the Outstanding Undergraduate Dormitory Government Award for 2003-2004.

Other Interests

Music (piano and clarinet), theater, women's studies, baseball