CURRICULUM VITAE
Craig Bishop Markwardt

Work Address	Home Address
Department of Physics	1233 Elizabeth St. Apt #1
1150 University Ave	
Madison, WI 53706	Madison, WI 53703
608/262-1164	608/256-3369

Email: `craigm@astrog.physics.wisc.edu`
Fax: 608/263-0800

EDUCATION

Ph.D. Physics, 1997 (expected in May), University of Wisconsin — Madison
    Advisor: Hakkı Ögelman
    Thesis: "The Vela Pulsar Jet and Compact Nebula"
B.S. Physics, 1992, Stanford University, with honors

RESEARCH EXPERIENCE

Research Assistant, 1993–present, University of Wisconsin
- Detailed knowledge of satellite X-ray telescopes ROSAT & ASCA
- Perform spatial and spectral analysis of X-ray data
- Enhance ROSAT high resolution images with advanced techniques
- Basic competence in optical and radio data reduction
- Present astrophysics seminars on own research

Principal Investigator
- Guest Investigator, ROSAT, 1995–1997 (three programs)
- Guest Investigator, ASCA, 1997 (one program)

Group Computer Manager, 1993–present
- Maintain cluster of five DEC workstations and many X-terminals
- Install and customize major analysis packages (EXSAS, MIDAS, XSPEC, IRAF)
- Fluent in C; competent in FORTRAN

TEACHING EXPERIENCE

Teaching Assistant, 1992–1995, University of Wisconsin (three semesters)
- Taught discussion and laboratory for undergraduate calculus-based course on electricity, magnetism, optics and waves
- Graded exams, quizzes, and homework; had input in final grade decisions

PROFESSIONAL SOCIETIES and HONORS

American Astronomical Society, member, 1993–present
High Energy Astrophysical Division, member, 1995–present
Department of Education Fellow, 1993–1994