

ANDREW G. WEST

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EDUCATION

The University of Pennsylvania Philadelphia, PA • Active CIS Ph.D Candidate

- Fulfilling qualifying exam and teaching practicum requirements as a 2nd year student
- Researching with Quantitative Trust Management and Real Time Systems groups
- Master's equivalency will be achieved in December 2008

Washington & Lee University Lexington, VA • B.S. w/Honors in Computer Science, 2007

- 3.75/4.00 GPA in a mathematically-focused computer science course load
- Received J. Edward Lewis academic scholarship, providing full room and board
- Thesis: *Bound Optimization for Parallel Quadratic Sieving Using Large Prime Variations*

COMPUTER LANGUAGES & SKILLS

- Extremely proficient in development with Java, C/C++, HTML
- Familiarity with C#, Coq, MIPS Assembly, .NET, Scheme, SQL
- Programs: AutoCAD, L^AT_EX typesetting, Maple (mathematics)
- Operating Systems: Windows, UNIX, FedoraCore Linux

TECHNICAL STRENGTHS

- Programming large scientific computing tasks, especially in parallel environments
- Writing well-documented and *efficient* low-level code
- Effectively proposing and summarizing work using technical communication ability

RELEVANT WORK HISTORY

Alsos Digital Library (Summer 2006) *Database Programmer/Engineer*

- SQL and .NET programming in support of the Alsos Project (<http://alsos.wlu.edu>)
- Worked to improve search methodology, query efficiency, and automation
- Managed close working relationship with content-team

WV-DEP (Summer 2005) *Website Design/Computer Assistant*

- Website and media design for emerging environmental program
- Excel VB programming to automate data management tasks
- AutoCAD plotting of commercial property deeds

MEMBERSHIPS AND EXTRACURRICULARS

- **Member** Pi Mu Epsilon (math honorary) and Sigma Nu (social) fraternities
- **Member** University of Pennsylvania Cycling Team
- **Volunteer** Neighborhood Bike Works - Philadelphia, PA