

George Louthan

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Education

- **University of Tulsa** Tulsa, OK
B.S., Computer Science (expected); B.S. Mathematics (expected) *May, 2009*
 - Information Security Certificates: CNSS 4011 (Information Security Personnel), CNSS 4012 (Senior System Manager)

Work Experience

- **Vidloop** Tulsa, OK
Research and Technical Writing Intern *May 2007 - Present*
 - Developed technical documentation for an authentication security product
 - Traveled to provide technical expertise at trade shows
 - Performed vulnerability assessments and delivered recommendations for mitigation

Projects

- **NOVA** Tulsa, OK
Enterprise Security Group, TU *Spring 2006 - Spring 2007*
 - Participated in development of a major network analysis project written in Java
 - Assisted deployment at FAA Computer Security Incident Response Center
- **SAND** Tulsa, OK
Enterprise Security Group, TU *Summer 2007 - Present*
 - Currently leading development of a network monitoring system
 - Deployed at FAA Computer Security Incident Response Center, December 2007
 - Large amounts of C and Python code
- **Lunchman** Tulsa, OK
University of Tulsa *Fall 2006 - Spring 2007*
 - Participated in the technical team for a business plan competition
 - Assisted in the development of prototype web applications for restaurant search and selection
- **Disastro** Tulsa, OK
University of Tulsa *Spring 2009*
 - Technical lead on non-trivial capstone software engineering course final project
 - Directing and participating in the development of a workflow management system for disaster response
 - Includes SMS, voice phone, and web services integration of urgent information in disaster situations

Awards and Honors

National Merit Scholar	2005-Present
Oklahoma St. Regents for Higher Education Academic Scholar	2005-Present
University of Tulsa Presidential Scholar	2005-Present
Robert C. Byrd Academic Scholar	2005-Present
Tulsa Undergraduate Research Challenge Participant	2006, 2007, 2008
Runner-Up, Donald W. Reynolds Governor's Cup Business Plan Competition	2007

Skills

Languages: C/C++, L^AT_EX, Java, Python, PHP, XML, SQL

Operating Systems: Linux (Debian), UNIX, MacOS X, Windows 95/98/NT/2000/XP

Applications: Mathematica, L^AT_EX, OpenOffice, MS Office, IPTables, Shorewall

Technologies: TCP/IP, Computer Forensics, OS Security, Relational Databases, Encryption, Wireless Networking

Miscellaneous: software configuration management, network monitoring, excellent troubleshooting and debugging skills, problem solving skills, strong verbal and written communication skills, including the ability to deliver technical information to non-technical individuals