

JOE LOUGHRY

Cross Domain System (CDS) Software Development and C&A

Résumé

* 1998–2012 at Lockheed Martin Corporation:

- **Information Assurance Engineer** for the last six years; before that, eight years as a **software engineer on Radiant Mercury**.
 - + Invented constant-space digital signatures (a patent application 13/355,210 has been filed but not yet published) used for imagery analysis.
 - + Proposed and won \$968,412.00 contract from Air Force Research Laboratory for a ‘probabilistic redaction’ system while telecommuting from grad school.
 - + Discoverer of the optical TEMPEST effect; patent no. 6,987,461 assigned to Lockheed Martin.
 - + C and UNIX programmer with Trusted Solaris, DCID 6/3, cross domain, and DIACAP experience.

* 1990–97 at Wells Fargo & Company:

- Worked as a programmer and sysadmin for the bank for seven years.
 - + Faced with a completely undocumented IBM mainframe application written in machine language, solved that problem by writing a compiler for the code in spare time.

* Prior to 1990, was still in school. Educational credentials:

- B.A. (math) from University of Colorado at Boulder.
- M.S.E. (software engineering) from Seattle University.
- Currently a doctoral student in computer science at Oxford.

* Has a security clearance and has had all of his DoD 8570.01 shots already.

Contact Information

* 6214 S. Krameria St.
Centennial, CO 80111-4243
USA

* Telephone: (303) 221-4380

* Email: <mailto:rjl@applied-math.org>