

JOE LOUGHRY

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

One Page Resume

- At the present time, I am writing a doctoral dissertation on *Security Test and Evaluation of Cross Domain Systems* at the University of Oxford.
- 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:
 - I worked as a programmer and sysadmin for the bank.
 - * Faced with a poorly documented mainframe application written in machine language, I solved that problem once and for all by writing a compiler for it.
 - * After working for a few years, I enrolled part time for a master’s degree in software engineering at Seattle University (M.S.E., 1996).
- Prior to 1990, I was still in school:
 - B.A. in math from the University of Colorado at Boulder.
- I have a security clearance and have had all my DoD 8570.01 shots already. I can satisfy your requirement for IAT Level III, IAM Level III, or IASAE Level III.

Contact Information

- 6214 S. Krameria St.
Centennial, CO 80111-4243
USA
- Telephone: (303) 221-4380
- Email: <mailto:rjl@applied-math.org>