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:

  - 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

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