

Laurens M. Dorsey

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Experienced in all phases of software product development (design, implementation, testing, support, and maintenance) on the gamut of platforms (Unix, Linux, Windows, and Mac) using a variety of languages and protocols.

With degrees in philosophy and letters, I began programming in 1991, my first project being a HyperCard stack for drilling Attic Greek. Since then, I have taken courses in mathematics and computer science, programming languages (C/ C++, Java), and GUIs (XWindows, MacOS). I've done a fair amount of hacking in Perl and am certified by Sun as a Java2 developer (SCJP, SCJD, SCWCD), by Oracle as an OCP-DBA, and by Microsoft as an MCAD (.NET C#).

CORESTREET, LTD.

Cambridge, Massachusetts
May 2005 – present

[CoreStreet](#) provides public key infrastructure (PKI) and physical access solutions.

I am currently writing new features and enhancements for the [PIVMAN™](#) mobile handheld for secure ID checking, a Windows CE device.

Designed and implemented the [Server Validation Extension](#), an integration of CoreStreet's PKI verification functionality (OCSP/ SCVP) into Apache2/ mod_ssl.

In the odd free hour, I am developing an ASN.1 abstraction layer, including code generation for Java, C#, C++, to isolate CoreStreet's development APIs from runtime details.

ATG

Cambridge, Massachusetts
September 1996 – October 2004

[ATG](#) was a pioneer in the development of enterprise web solutions.

Pre-Sales Initiatives

Wrote and supported proof-of-concept demos with a page designer for the ACA and ACO products (knowledgebase and campaigns) for use by marketing and sales. Did some preliminary work toward a portlet-based demo framework to be hosted on ATG in any J2EE-compliant application server.

Sustaining Engineering

Fixed bugs and implemented new features in released versions of ATG's products, a tiered suite of server-side Java products for constructing and managing personalized eCommerce, b2c and b2b sites.

Notably, worked with: NSAPI, ISAPI, and Apache apis in maintaining and extending the connection module, the sole preserve of C/ C++ code in the product; the Generalized SQL Adapter (GSA), a generalized data mapping layer built by ATG on top of JDBC; and various protocols, including SNMP, SMTP, and DRP.

Software Operations

Wrote and managed automated tests of functionality and performance using Perl and Java, with email and html reporting.

FIDELITY PUBLISHING

Boston, Massachusetts
Fall – Winter 1995-6

Developed a suite of scripts written in AppleScript and Frontier to parse "live" PageMaker files of classified ads into individual html pages with upper-level indices allowing access to pages by geographical location. The scripting solution having proved pachydermal, I developed a faceless Mac app wrapping a state machine implemented in C++. Controlled by AppleEvents from Frontier, this program handled the parsing operations, returning control to Frontier for .html construction and upload.

MACTEMPS

Cambridge, Massachusetts
June 1993 – September 1996

Produced tons (and tons) of presentation materials at CSC/ Index in the dusk of "reengineering." Wrote a Frontier app for this all-Apple shop to maintain a ledger of installed applications.

CHILDREN'S HOSPITAL

Boston, Massachusetts
September 1991 – December 1992

At the time, Harvard Medical School's personnel database consisted primarily of boxes of index cards, so I designed and implemented a database to manage the appointment status at Harvard Medical School and/ or Children's Hospital of the 250+ personnel reporting to the Neurologist-in-Chief, as well as those of visiting physicians and scientists.

Managed the revision of the 3rd edition of the chief's text, Neurology of the Newborn (New York: Saunders), which included working with the publisher to develop acceptable formatting of the electronic manuscript, managing the addition of approximately 5,000 new references to the 2nd edition, and contacting authors and publishers to obtain figures and tables, along with their permissions and provisos for the inclusion of these materials in the 3rd edition.

SCM CHEMICALS

Baltimore, Maryland
March 1987 – July 1991

Via interface with data views available in the mainframe, extracted data and developed reports in the microcomputer environment (dBASE III+ and Lotus 1-2-3) to meet the needs of the Director of Marketing and Sales. Instituted and maintained procedures and protocols for electronic management of internal and external, domestic and international correspondence.

JOHNS HOPKINS UNIVERSITY

Baltimore, Maryland
September – December 1986

Met once or twice weekly with a small group of students in conjunction with Professor Cameron's lectures on American literature to amplify the material and provide both impetus for discussion and grist for papers. Met biweekly with each student to discuss and harass his/ her writing.

UNIVERSITY OF GEORGIA

Athens, Georgia
March – June 1985

Taught one section of the sophomore-level continuation of freshman composition, "Types of Literature."

CHRISTIAN BROTHERS COLLEGE HIGH SCHOOL

St. Louis, Missouri
September 1982 – June 1983

When two weeks into the school year they had sent their first-year teacher howling into the street vowing never to teach again, I took up the five sections of sophomore and junior English. Lasted the year.

BASKIN-ROBBINS ICE CREAM

St. Louis, Missouri
April 1981 – September 1983

In case you ever wondered about the marketability of a B.A. in philosophy.