Dr. Leonard Shaefer

Thought leader and pioneer in automated multicultural name processing

The **original architect of the IBM GNR** product suite, Dr. Leonard A. Shaefer is a recognized expert in name processing and holds **multiple patents** in the field. Since 1985, he has worked closely with **corporations** and **governments** around the world including the **U.S. Department of State** and various organizations within the **U.S. Intelligence Community**. He has traveled widely to dozens of **U.S. installations overseas** to collect name-related data and study the complexities posed by indigenous cultures, languages and writing systems with respect to **name-data collection** and **automated name processing**.

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Onomastic Resources, LLC.

Consultant, Automated Name Processing

Current

Founder and Principal at Onomastic Resources, a consultancy specializing in name processing for AML/KYC/CDI, anti-terrorism, border-control and law-enforcement systems.

IBM

Chief Scientist – IBM GNR

March 2006 – January 2011

- Led development of IBM Global Name Recognition product cluster following IBM's purchase of Language Analysis Systems (see below)
- Integrated GNR products and components with other product offerings in the IBM Master Data Management/Identity Managaement suite, including Data Stage and Quality Stage
- Led the GNR product architecture team that integrated name-matching functionality into various IBM MDM/CDI and Identity Management Products, including Data Stage, Quality Stage and Entity Analytics Solutions

Language Analysis Systems (acquired by IBM)

Co-Founder

Jan 1984 – March 2006

Developed multiple name screening and processing products (*Name Hunter, Name Parser, Name Classifier, MetaMatch* and others) used by U.S. Federal and State government agencies in border control, immigration, anti-terrorism, law enforcement and anti money laundering. LAS products were used by the U.S. government to track 9/11 terrorists to their Florida connections.

The LAS product portfolio was acquired by IBM in 2006 and now forms the basis for IBM's Global Name Recognition (GNR) product line.

Education

Georgetown University: Ph.D., Computational Linguistics, *honoris causa*

Georgetown University: Master's Degree, Theoretical Linguistics

Marquette University, Bachelor's Degree, English Language and Literature, magna cum laude

Patents

6 U.S. patents, including:

Parsing Culturally Diverse Names (8,855,998)

Identifying Related Names (8,812,300)

System for adaptive multicultural searching and matching of personal names

(8,041,560)

Languages

Russian

German

French

Spanish