

# Clayton J. Pryor (Clay)

## Experience:

- Repeatedly invited to speak at multiple conferences on search related topics.
  - o Conferences I have spoken at:
    - Lucene/Solr Revolution
    - Activate
    - Enterprise Search and Discovery
    - National Laboratories Information Technology (NLIT) Summit
  - o Topics I have spoken on:
    - Configuring Recommendations for Personalized Search at Sandia National Labs  
(<https://www.slideshare.net/lucidworks/personalizedsearch-at-sandia-national-labs>)
    - Evaluation of Lucidworks Fusion for Enterprise Search  
(<https://www.osti.gov/biblio/1479249-evaluation-lucidworks-fusionenterprise-search>)
    - Winning with Open Source Search  
([https://conferences.infoday.com/stats/documents/default.aspx?id=14129&lnk=http%3A%2F%2Fconferences.infoday.com%2Fdocuments%2F254%2F1600\\_Pryor.pptx](https://conferences.infoday.com/stats/documents/default.aspx?id=14129&lnk=http%3A%2F%2Fconferences.infoday.com%2Fdocuments%2F254%2F1600_Pryor.pptx))
- Owner Operator of nmCollector.net LLC
  - o Developer of NM Collector Software - a **Java Swing desktop database application** for tracking any type of collection (template based)
  - o Developer of several **Android database applications** available on **Google Play and Amazon** which are **integrated with the desktop application**
  - o Developer of a couple of a prototype searchable on-line database applications that captured data from on-line auctions to track gun values over time
- LSS Green Belt with Black Belt Training
- **Certified Scrum Master and Scrum Product Owner** with experience leading Scrum Projects
- **Certified LabVIEW Associate Developer**

Dec 1986 - Feb 2, 2021: Started as a Member of Laboratory Staff (MLS) and am retiring as a Principal Member of Technical Staff (PMTS), *Sandia National Labs, Albuquerque, NM*

**34 years of technical and project management experience** in Enterprise Search, Component Testing, Administrative Computing, Military Liaison, Safeguards and Security, Manufacturing, and Critical Infrastructure Surety.

- o Enterprise Search (Java, JavaScript, Solr, Lucidworks Fusion)
- o Project Leadership (Waterfall, RUP, Agile, Scrum, Kanban)
- o Adult Education (developed and delivered training in Solr and Lucidworks Fusion)
- o Tester Software Development (LabVIEW, VB, Microsoft Development Studio, ComponentWorks, IVI class drivers, and IVI instrument drivers.)
- o Enterprise Database Applications (J2EE, Visual Studio .NET C#, [ASP.NET](#), .NET MVC, web services, SharePoint, Oracle DB, SQL Server, PowerBuilder, WebObjects, Sybase, COBOL)
- o GIS Applications (ArcIMS, ArcSDE, VB6, [VB.NET](#))

Aug 1986 - Nov 1986: *Programmer/Analyst*, State Of NM, Santa Fe, NM

Install/Train/Support; Applications Analysis / Development / Implementation / Maintenance; System Operations; Trouble-Shoot.

Jun 1986 - Aug 1986: *Software Engineer*, Tech Reps, Inc, Albuquerque, NM

Given Vague Specifications, Write Detailed Code.

Jun 1985 - Jun 1986: *Marketing Trainee*, IBM, Des Moines, IA

Learn IBM Product Line And How To Sell It to Large, Established Customers.

Dec 1982 - Jun 1985: Lab Instructor, Computer Programming, UNM, General College, Albuquerque, NM

Helped Students Write Basic Programs Using Structured Programming Techniques.

May 1982 - Aug 1982: *Engineering Technician*, Kirtland AFB Weapons Labs, KAFB, NM

Program Tektronics Microcomputers; Develop/Program 2-Dimensional Finite Element Analysis Mesh Generation Program W/Interactive Graphics.

Dec 1977 - Aug 1981: *Math Aide*, Physical Science, Kirtland AFB Weapons Labs, KAFB, NM

Programming Using Basic, Fortran, DISSPLA, Movie.BYU, Various Equipment/Facilities; Secret Clearance.

## ***Degrees Awarded:***

- M.B.A., Business Administration, University Of New Mexico - Albuquerque, 1985, GPA: 3.89
- Associate, Computer Programming, University Of New Mexico - Albuquerque, 1983
- B.S., with distinction, Major: Biology, Minor: Economics, University Of New Mexico - Albuquerque, 1981