



Barry Jackson

Software Engineer / Webmaster

Primary occupation for the last 23 years as a software engineer, webmaster.

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Blockchain / Web 3.0

- Blockchain, Truffle, Solidity, Defi, Truffle, Web3.js, Node.js, Jquery, Bootstrap, HTML

Programming Languages

- Python, C, C++, SQL, PHP, Perl, Javascript, Java
- Basic (Tiny, GW, Visual) ` ASP
- Python, Solidity
- Dinosaur Languages (IBM Assembly, COBOL)

Office Software

- Office Products
 - Open Office, Libre, Microsoft
- ArcGis, Google Maps, Open Office, Libre
- WordPress, Drupal

Databases

- Mysql, Oracle, Informix, Access, Postgres

Operating Systems

- Unix, Linux, Windows (Every version), MacOS, Android

Education Background

- University of Arkansas at Pine Bluff
 - BS Computer Science - Magna Cum Laude GPA 3.8
- University of Arkansas at Little Rock
 - Baccalaureate Program GPA 3.5



Professional Pages

- <https://usgs.gov/staff-profiles/barry-t-jackson>
- <https://orcid.org/0000-0001-9843-4162>
- <https://BarryTalks.com>
- <http://leakingpockets.com/BJ/>
- <http://leakingpockets.com/BJ/resume/resume.html>

Professional Experience

United States Geological Survey - Little Rock Office

- *Information Technology Specialist / Webmaster - May, 19 1999-Present*
- Writes and modifies complex application software for solution of scientific and administrative problems using high level programming languages and procedural language interface capabilities of various database management systems.
- Works from instructions from users in conjunction with knowledge of data files and computer specifications to determine program design.
- Independently writes and tests computer programs requested by hydrologists and administrative personnel.
- Installs, tests, and maintains software procured from commercial and other government sources.
- Works closely with computer specialists and project chiefs to identify and eliminate program errors, to modify computer operational procedures, and to provide computer output in the desired format.
- Prepares documentation for computer programs to describe the functions performed, including flow charts and narrative descriptions of program functions, input, output, and record formats.
- Manipulation of GIS datasets on the web using various software packages and programming languages.
- Assists the Site Administrator in the maintenance and handling of the user registration database.
- Advises and instructs professionals and technical staff who require assistance.

The Odella Group and Leaking Pockets

- Owner operator of both of these companies. (9/9/2012 & 10/20/2016-Present)
- Creates business direction, Provides insight into the market
- Implement and develop Strategic development
- Responsible for Day to Day Management
- Creates Marketing materials, IE Website, Business cards, corporate image
- Accountable for dealing with individuals and Members of the media develops quality products and services depending on customer criteria, and reports status of latest product developments and timeline for product completion dates.

DayWheel Knowledge Management Company

- Chief Information Officer, Chief Technology Officer 2006-2009
 - Looked at financial performance and identified trends
 - Performed several C
 - Explored various investment opportunities
 - Collaborated with DayWheel personnel as well as with various clients.
- Assures the integration of the effective use of Information Technologies

Activities / Honors Achievements

- **Little Rock Jazz Masters (2018-2020)**
- UAPB Marching Band, Concert Band (1997, 1998, 2000), (Jazz Ensemble)
- Association of Computing Machinery (ACM) 1998-1999
- Nation Society of Black Engineers (NSBE) 2001
- Pi Mu Epsilon (National Math Honor Society) 2000-2001
- Mathematical Association of America (MAA)
- International Toastmasters (Speaking organization) 2002-Current
 - Vice President of Public Relations (2003-2004)
 - Vice President of Membership (2004-2005)
 - President (2005-2006), Sergeant At Arms (2003-2004, 2018,2019)
- Modern Free and Accepted Masons (2001-present)
- Blacks in Government 2003-2006
 - Parliamentarian (2004-2006)
- Youth Motivational Task Force (2006, 2015, 2016, 2019)