

Education History

UNIVERSITY OF ARKANSAS AT PINE BLUFF

- Bachelor of Computer Science GPA 3.8

UNIVERSITY OF ARKANSAS AT LITTLE ROCK

- Graduate Program Applied Sciences GPA 3.5

Work Experience

UNITED STATES GEOLOGICAL SURVEY

IT Specialist, Software Engineer Webmasters, 1999-present

- Writes, Tests, 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.



IT Consulting Sole Owner, October 20, 2016 - Present

- Business Consulting, Software, and Web emphasis
- Ensures the implementation, application, and system-wide integration of appropriate information technologies and accelerates the use of technology by providing vision and serving as the advocate for information technology.
- Products: EZ Grants, Thriller Jackets, Barry Talks, Tigers vs Lions
- Publication: Church Web Site Builder



Residential Property Management, Sole Owner 9-9-2012- Present

- Creates and strategies for sharing information.
- Provides Tracking, Monitoring, and sharing capabilities for software (CIS)
- Development and maintenance of project plans
- Managed Multiple and often conflicting demands

Organizations - Accolades

- LR Jazz Masters 2017-2019
- UAPB & Mills - Jazz Band & Marching Band & Concert Band
- Toastmasters now known as Pathways - Distinguished Toastmasters
- Microsoft .NET user group (now closed)
- DayWheel Chief Information Officer
- NuAge Residential Contractors & NuAge Property Developers (now closed)



ONLINE PORTFOLIO

Barry Jackson

SOFTWARE ENGINEER

- <https://Barry-Jackson.com>
- <https://BarryTJackson.com>
- <https://usgs.gov/staff-profiles/barry-t-jackson>
- <https://orcid.org/0000-0001-9843-4162>
- <https://leakingpockets.com/BJ/>
- <https://BarryTalks.com>
- Bee (Barry Jackson) Jay | LinkedIn
- <https://RentingLittleRock.com>
- [Blockchain Portfolio](#)

Expert Skills

Database Developments

Informix, Mysql, Postgres, Access, Oracle

Computer Programming

PHP, Perl, Python, Javascript, HTML

Blockchain Tools

Tuffle, Solidity, Node, JQuery, Bootstrap

Office Suites:

MS Office, Libre, Open Office

Multimedia

Toonly, Doodly, Vyond, Gimp

Operating Systems

MacOS, Android, Every Windows, Unix, Linux

bj@leakingpockets.com

501-303-0688