George <u>Brannon</u> SMITH

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EDUCATION:

- Mississippi State University, College of Engineering, Starkville, MS
  Master's degree in Computer Science,   GPA: 4.0/4.0
  Thesis: MINING FUZZY SPATIAL ASSOCIATION RULES FROM IMAGE DATA

  Notable coursework include Software Engineering and Software Program Management emphasizing teamwork.

- Tulane University, Paul Tulane College of Arts & Sciences, New Orleans, LA
  Bachelor of Arts, Major in French, Minor in Economics, May 1994
  Overall GPA: 3.628/4.0 - cum laude

- Université de Paris IV (La Sorbonne)
  Paris, France
  Tulane's Junior Year Abroad Program, 1992-1993

- Additional Notable Studies:
  High School Exchange Student to Momoyama Gakuin (St. Andrew's Boys' HS) Osaka, Japan
  Japanese school run by the Episcopal Diocese of Osaka, 1987-1988

- Other Studies include course work in:
  Basic Accounting Principles,
  Intermediate Accounting I,
  Intro Marketing,
  Basic Income Tax Preparation

HONORS & ACTIVITIES:

- Dean's Honor Scholarship (4 yrs. Merit) at Tulane
- Member Randall Lee Gibson Honor Society (for Arts & Sciences)
- The Alcée Fortier Memorial Prize for excellence in French, 1994
- Member Order of Omega Honor Society (for Greek society students)
- Member Fraternity of Phi Gamma Delta, Tau Upsilon Chap., 1991-

SKILLS:

- Linux hobbyist - familiar with install, administration, daily use of Linux OS, my platform of choice. Experienced with other flavors of UNIX as well - worked on SunOS at MSU Intelligent Systems lab. Have done some work with Mac, including internetworking with Linux. General work with Windows 9x.

- Experience programming C/C++, Java (including Swing), Perl, PHP, UNIX shells.

- See Java sample at http://gbsmith.freeshell.org/ResCafe/

PUBLICATIONS:
- Susan Bridges, Julia Hodges, Bruce Wooley,and Donald Karpovich, and George Brannon Smith. 1998. Knowledge Discovery in an Oceanographic Database. *Applied Intelligence: The International Journal of Artificial Intelligence, Neural Networks, and Complex Problem-Solving Technologies.* 11:135-48

- Bruce A. Wooley and George B. Smith. 1998. Region-Growing Techniques based on Texture for Provincing the Ocean Floor. *Proceedings of 36th Annual Southeast Conference*. page 99-103. April 1998.

- Julia Hodges, Susan Bridges, Bruce Wooley, Donald Karpovich,and Brannon Smith. Knowledge Discovery in an Object-Oriented Oceanographic Database System. October 21, 1997.

EXPERIENCE:
- Currently an IT consultant with C2 Technologies (formerly Xalt Technologies, and Linc-IT) doing Linux/Apache/MySQL/PHP (commonly known as **LAMP**) apps and variants (FreeBSD OS, PostgreSQL DBMS) enhanced with CSS and Javascript. Work includes ground-up app development as well as porting existing apps such as those based in Access. Also general computer (Windows) troubleshooting. 2003-present.

- Software Developer and Researcher on the OKEANOS project, http://fantasia.cs.msstate.edu/kd/, a project at MSU sponsored by the Naval Oceanographic Office for investigating the use of Knowledge Discovery techniques on Oceanographic Data. Primarily developed applications in C++ but also some shell scripting and some Java GUI programs. Jun 1997 - Jan 2001.

- Computer Science Co-op Intern at Federal Express in Memphis.
  Jun 1996 - Aug 1996, Jan 1997 - May 1997, Sep 1997 - Dec 1997
  Alternating semesters at school and at FedEx. Work included Risk Managment and Retail Systems. Wrote text based applications in Perl and Java. Also did some HTML web design including JavaScript.

- Tax Preparer/Office Supervisor with H&R Block New Orleans. Dec 1994 - April 1995
  Administered daily operations of small tax office (computer data transfer, correspondence with main office, receipts & deposits, etc.)

- Office Internship with the French Cultural Services of the French Consulate in New Orleans, LA
  Consists of Clerical Work, Desktop Publishing (on Macs with ClarisWorks), Document Translations. Jan - May 1994

KEYWORDS: Computer Science, CSS, Software Engineering, Knowledge Discovery, Data Mining, Linux, UNIX, FreeBSD, C++, Perl, PHP, SQL, PostgreSQL, Java, JavaScript, OKEANOS, Master's Degree, Mississippi State, France, French, Federal Express